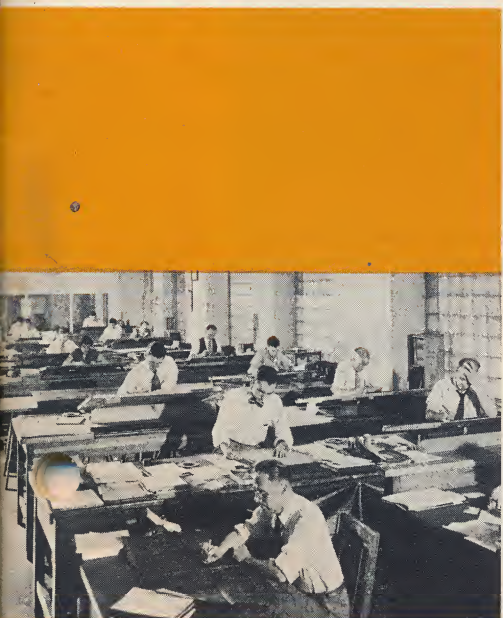
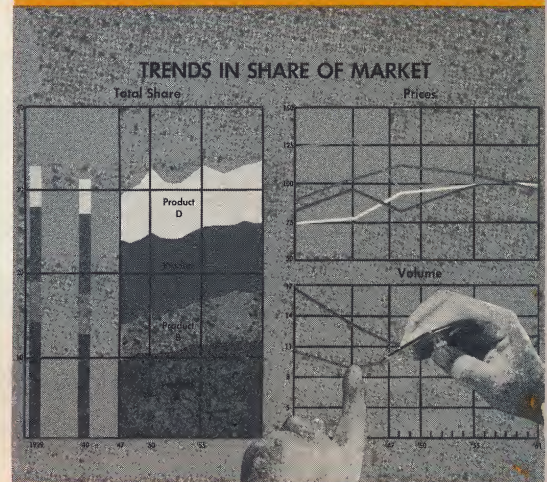
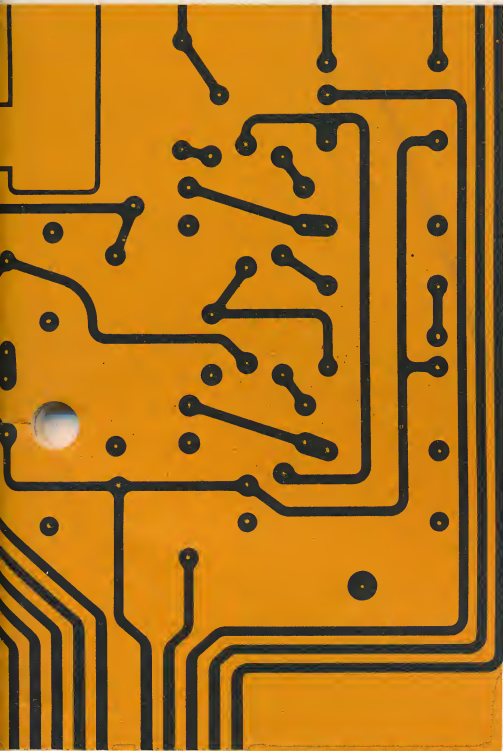


Available from T-Square Miami Blueprint Co.

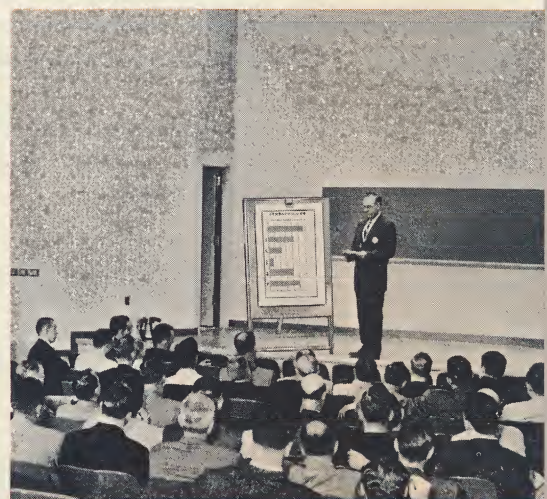
# CHART-PAK, INC.

Leeds (Northampton), Massachusetts

## THE TAPE METHOD OF DRAFTING AND VISUAL COMMUNICATION



**T** SQUARE MIAMI BLUEPRINT CO., INC.  
635 S.W. 1ST AVENUE, MIAMI  
FR 9-4501



## A TEN YEAR TRADITION



The tradition of excellence, as reflected in the quality and performance of our products and our service to users, is the goal of the people who are Chart-Pak, Inc.

This company was founded over ten years ago on an imaginative idea; an idea to help people in industry, government and education to make attractive charts and graphs more quickly, easily and economically, by using precision slit and pre-printed pressure-sensitive tapes, papers and films. Thus was born the concept of "The Tape Method of Drafting."

As this concept has become more widely known and understood, amateurs and professionals alike have encouraged us to provide many special tapes and designs for engineering drawings, printed circuit drawings, flow charts and other schematics.

Our employees take pride in their ability to print and slit tapes to meet the exacting requirements of draftsmen, engineers and artists and to develop imaginative consumer ideas into practical pressure-sensitive products.

As a result, our sales exceeded a million dollars in 1961, nearly double the volume five years ago. In 1957 we built a new modern plant in Leeds, Massachusetts, and in 1960 the floor space was doubled to a total of 22,000 square feet. Dust-free, air conditioned facilities help our craftsmen to produce products of which they are truly proud.

Our dealers in all major markets in the United States and Canada and in many other countries have been carefully selected. They can give you immediate delivery of most Chart-Pak products. These dealers and our factory representatives are available to help you with your individual needs for pressure-sensitive materials.

We welcome suggestions for special designs for reproduction on tape or film to help you reduce the time of repetitive drawing and thus give you more time for creative work.

# HOW TO ORDER FROM THIS CATALOG

## CODE DEFINITION TAPES

Order by catalog number and color, using complete number given for each item.

Tape catalog numbers contain coding for size and color. Example: catalog number 2520T Red. Catalog number means the following: 25 = 1/4", 20 = pattern, T = transparent, and red is the color desired. NOTE: Black will be sent if color is not specified.

## CODE DEFINITION TAPES

### PRE-FIX OR SUFFIX

T or TL	Transparent Tape
TC	Transparent Color Tape
M	Matte Surface Tapes
CP	Crepe Paper Tape (Black)
G	Newspaper Type Point Sizes

### TEMPLATES, SYMBOLS, ETC.

C	Chair (1 size)
D	Desk (4 sizes)
F	File (2 sizes)
S	Symbols ("Picto-Pak")
T	Table (4 sizes)
U	Utility (2 sizes)
BC	Bookcase (1 size)
CB	Cabinet (1 size)
CR	Coat Rack (2 sizes)
DT	Drafting Table (2 sizes)
EB	Electronic Bench (1 size)
FF	Flat File (2 sizes)
PDL	Pedestal desk, chair (left)
PDR	Pedestal desk, chair (right)
SU	Shelving Unit (1 size)
WB	Work Bench (1 size)

### PLANNING BOARDS

TBL	Non-reproducible — Blue grid
TBK	Reproducible — Black grid
TBO	Reproducible — Orange grid
PG	Precision grids — Blue or Black

### LETTERING

SL	Spaced Lettering
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### ACCESSORIES

PW	Correction paper (2 sizes)
U — O	Opaque Template Sheets
U — T	Transparent Template Sheets
CT	Clear Tak
MT	Matte Tak

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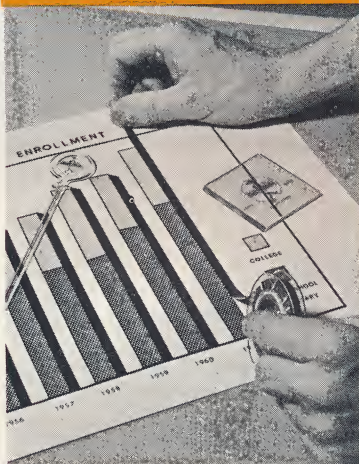
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Solid Color Tapes .....	4
Transparent Color Tapes .....	4
Crepe Paper Tapes .....	5
Chrome and Gold Tapes .....	5
Tapes for Printed Circuitry .....	5
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# 1

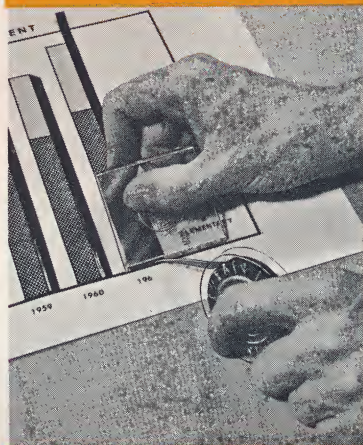
## HOW TO USE CHART-PAK TAPES

**The Chart-Pak  
Tape Method of Drafting  
is Easy to Use**

1. To apply tape, unroll a short length of the pattern or color desired. Place end approximately one inch ahead of the starting point (see figure 1). Continue to lay tape to desired length.



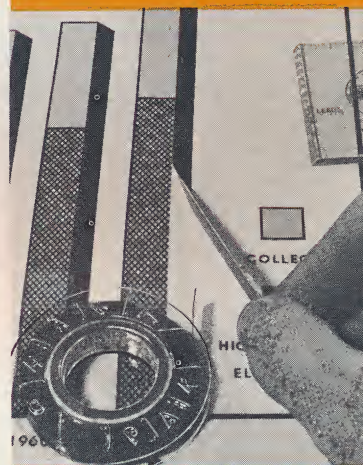
# 2



2. To cut tape, place Chart-Pak Tape Cutter at desired cut off point. Pull roll of tape diagonally (45°) against beveled edge of tape cutter (see figure 2). Apply pressure to tape cutter to avoid slippage.

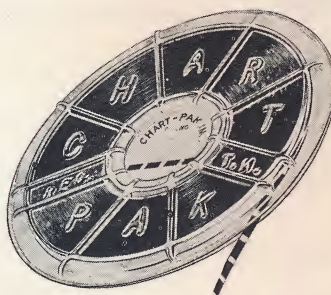
# 3

3. To revise, carefully peel off tape at 45° angle (see figure 3). This method will allow the tape to leave the layout material without leaving adhesive deposits or tearing the material. The Chart-Pak Chisel will be helpful in loosening tape. When old tape is removed, apply new tape.



### "TAPE-SAVER" DISPENSER<sup>®</sup>

... protects from dust, dirt, stains



Only Chart-Pak Has Them  
Chart-Pak's entire line of precision slit, industrial, statistical and charting tapes are all packaged in the new plastic "TAPE-SAVER" dispensers ... at no extra cost.

### Scale of Standard Tape Sizes



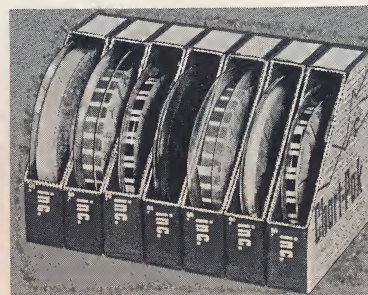
Also standard in 3/4", 1", and 2" widths

### SERRATED PACKAGING

... FOR EASY VISUAL STORAGE

AT NO EXTRA COST

... FAST INVENTORY CHECK.



Crush Proof

Snap-Apart Sides

Easy Spindle Storing

End Is Always Accessible

# SOLID COLOR MATTE SURFACE TAPES

## "MATTE FLAT" SURFACE TAKES INK OR PENCIL

### NON-REFLECTIVE MATTE SURFACE FOR BETTER PHOTOGRAPHY

Matte Surface tape prevents highlighting in photographic reproductions, thus making crisp clear prints possible.

## SOLID COLOR MATTE SURFACE TAPES IN TEN COLORS

We also recommend it for visual presentations, as the 10 non-reflective pastel colors are clearly viewed from any angle. The heat resistant adhesive is of the same quality as other Chart-Pak tapes, which means that fine diazo reproduction is possible.

## SOLID COLOR MATTE SURFACE TAPES

### SPECIFY COLOR AND CATALOG NUMBERS WHEN ORDERING

Sizes and Prices	Black	Red	Blue	Green	White	Yellow	Brown	Light Blue	Light Green	Dark Orange
2" x 324" \$2.25/rl.	2-1M	2-2M	2-3M	2-4M	2-10M	2-11M	2-14M	2-15M	2-16M	2-18M
1" x 324" \$1.35/rl.	1-1M	1-2M	1-3M	1-4M	1-10M	1-11M	1-14M	1-15M	1-16M	1-18M
3/4" x 324" \$1.25/rl.	7501M	7502M	7503M	7504M	7510M	7511M	7514M	7515M	7516M	7518M
1/2" x 324" \$1.10/rl.	5001M	5002M	5003M	5004M	5010M	5011M	5014M	5015M	5016M	5018M
1/4" x 324" \$1.00/rl.	2501M	2502M	2503M	2504M	2510M	2511M	2514M	2515M	2516M	2518M
3/16" x 324" \$1.00/rl.	1871M	1872M	1873M	1874M	18710M	18711M	18714M	18715M	18716M	18718M
1/8" x 324" \$.90/rl.	1251M	1252M	1253M	1254M	12510M	12511M	12514M	12515M	12516M	12518M

**SPECIAL SLITTING.** All special slitting will carry the price of the next standard width as shown in the catalog. 10 rolls or more are required for special slitting.

## MATTE SURFACE "CURVE-LINE" TAPES

Accuracy guaranteed to plus or minus .002"

### SPECIFY COLOR AND CATALOG NUMBERS WHEN ORDERING

Sizes and Prices	Black	Red	Blue	Green	White	Yellow	Brown	Light Blue	Light Green	Dark Orange
3/32" x 648" \$.90/rl. or \$4.00/pkg. 5 rls.	9301M	9302M	9303M	9304M	9310M	9311M	9314M	9315M	9316M	9318M
1/16" x 648" \$.90/rl. or \$4.00/pkg. 5 rls.	6201M	6202M	6203M	6204M	6210M	6211M	6214M	6215M	6216M	6218M
1/32" x 648" \$.90/rl. or \$4.00/pkg. 5 rls.	3101M	3102M	3103M	3104M	3110M	3111M	3114M	3115M	3116M	3118M
1/64" x 648" \$.90/rl. or \$4.00/pkg. 5 rls.	1501M	1502M	1503M	1504M	1510M	1511M	1514M	1515M	1516M	1518M

**SPECIAL SLITTING.** All special slitting will carry the price of the next standard width as shown in the catalog. 10 rolls or more are required for special slitting.

## SOLID COLOR TAPES

Brilliant permanent colors, suitable for drafting, charts, graphs, borders, map outlining and many other uses. Excellent for visual charts and graphs. The heat resistant adhesive is perfect for fine diazo reproduction.

**SPECIFY COLOR AND CATALOG NUMBERS WHEN ORDERING**

Sizes and Prices	Black	Red	Blue	Green	Orange	Purple	Grey	White	Yellow	Silver	Gold	Brown	Light Blue	Light Green	Dark Green	Dark Orange
2" x 324" \$2.15/rl.	2-1	2-2	2-3	2-4	2-5	2-6	2-7	2-10	2-11	2-12	2-13	2-14	2-15	2-16	2-17	2-18
1" x 324" \$1.25/rl.	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-10	1-11	1-12	1-13	1-14	1-15	1-16	1-17	1-18
3/4" x 324" \$1.15/rl.	7501	7502	7503	7504	7505	7506	7507	7510	7511	7512	7513	7514	7515	7516	7517	7518
1/2" x 324" \$1.00/rl.	5001	5002	5003	5004	5005	5006	5007	5010	5011	5012	5013	5014	5015	5016	5017	5018
1/4" x 324" \$.90/rl.	2501	2502	2503	2504	2505	2506	2507	2510	2511	2512	2513	2514	2515	2516	2517	2518
3/16" x 324" \$.90/rl.	1871	1872	1873	1874	1875	1876	1877	18710	18711	18712	18713	18714	18715	18716	18717	18718
1/8" x 324" \$.80/rl.	1251	1252	1253	1254	1255	1256	1257	12510	12511	12512	12513	12514	12515	12516	12517	12518

## SOLID COLOR "CURVE-LINE" TAPES

*Accuracy guaranteed to plus or minus .002"*

"CURVE-LINE" narrow width tapes are precision-slit (tolerance of .002") for accurate uniform lines. They are designed to follow a straight edge, French Curve or geometric patterns. The heat resistant adhesive allows for perfect diazo reproduction.

"CURVE-LINE" tapes are available in sixteen permanent solid colors and in widths of 1/64", 1/32", 1/16", 3/32". Excellent for drafting, graph lines, borders, flow charts, forms, reports, and visual presentations.

Sizes and Prices	Black	Red	Blue	Green	Orange	Purple	Grey	White	Yellow	Silver	Gold	Brown	Light Blue	Light Green	Dark Green	Dark Orange
3/32" x 648" \$.80/rl. or \$3.50/pkg. 5 rls.	9301	9302	9303	9304	9305	9306	9307	9310	9311	9312	9313	9314	9315	9316	9317	9318
1/16" x 648" \$.80/rl. or \$3.50/pkg. 5 rls.	6201	6202	6203	6204	6205	6206	6207	6210	6211	6212	6213	6214	6215	6216	6217	6218
1/32" x 648" \$.80/rl. or \$3.50/pkg. 5 rls.	3101	3102	3103	3104	3105	3106	3107	3110	3111	3112	3113	3114	3115	3116	3117	3118
1/64" x 648" \$.80/rl. or \$3.50/pkg. 5 rls.	1501	1502	1503	1504	1505	1506	1507	1510	1511	1512	1513	1514	1515	1516	1517	1518

## TRANSPARENT COLOR TAPE

### Transparent Tapes Project in True, Vivid Color

Especially designed for slides and transparent overhead projectors, also useful on charts, maps, and other material for identification or differentiation.

The T. C. Tape will not obscure material underneath, and is excellent for the making of visual graph overlays.

Sizes and Prices	Red	Blue	Green	Orange	Purple	Yellow
1" x 324" \$1.40/rl.	TC1-2	TC1-3	TC1-4	TC1-5	TC1-6	TC1-11
1/2" x 324" \$1.15/rl.	TC5002	TC5003	TC5004	TC5005	TC5006	TC5011
1/4" x 324" \$1.00/rl.	TC2502	TC2503	TC2504	TC2505	TC2506	TC2511
1/8" x 324" \$.90/rl.	TC1252	TC1253	TC1254	TC1255	TC1256	TC12511
1/16" x 648" \$.90/rl. or \$4.00/pkg. 5 rls.	TC6202	TC6203	TC6204	TC6205	TC6206	TC6211
1/32" x 648" \$.90/rl. or \$4.00/pkg. 5 rls.	TC3102	TC3103	TC3104	TC3105	TC3106	TC3111

**SPECIAL SLITTING.** All special slitting will carry the price of the next standard width as shown in the catalog. 10 rolls or more are required for special slitting.

Roll Size	Cat. No.	Price
2" x 324"	CP2-1	\$2.15/rl.
1" x 324"	CP1-1	\$1.25/rl.
1/2" x 324"	CP5001	\$1.00/rl.
3/8" x 324"	CP3751	\$1.00/rl.
1/4" x 324"	CP2501	\$ .90/rl.
1/8" x 324"	CP1251	\$ .80/rl.
1/16" x 648"	CP6201	\$ .80/rl. or \$3.50/pkg. 5 rls.
3/16" x 324"	CP1871	\$ .90/rl.
1/32" x 648"	CP3101	\$ .80/rl. or \$3.50/pkg. 5 rls.
1/4" x 648"	CP1501	\$ .80/rl. or \$3.50/pkg. 5 rls.
.100" x 324"	CP1001	\$ .80/rl.
.150" x 324"	CP15001	\$ .90/rl.
.200" x 324"	CP2001	\$ .90/rl.
.300" x 324"	CP3001	\$1.00/rl.

## WHITE BACK CIRCUIT TAPE

(Precision slit to plus or minus .002")

Non-reflective, dull finish black on surface, reverse side with opaque white adhesive backing. Especially useful in making printed circuit layouts back-to-back in register on transparent Precision Grids.\* (\*See page 14 ). May we suggest our Precision Grids as a base for printed circuit work, as the quality Chart-Pak printing and the stability of DuPont "Mylar"† combine to offer a unique material for printed circuit layout work.

†DuPont's registered trade mark for their polyester film.

## CHROME AND GOLD TAPES

These tapes are metallized (and non-conductive) and have a permanent bright metallic-looking finish. The base is of a thin-gauge tough and weather

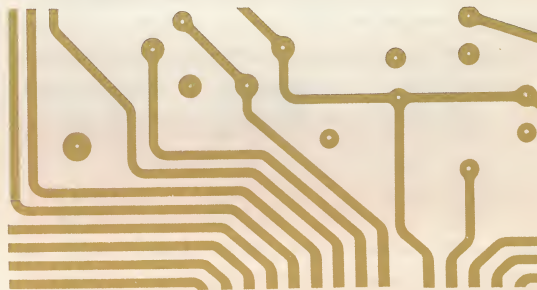
Size	Chrome	Gold	Price
1" x 324"	1-19	1-9	\$2.00/rl.
1/2" x 324"	5019	5009	\$1.50/rl.
1/4" x 324"	2519	2509	\$1.25/rl.
1/8" x 324"	12519	12509	\$1.15/rl.
1/16" x 648"	6219	6209	\$1.10/rl. or \$5.00/pkg. 5 rls.
1/32" x 648"	3119	3109	\$1.10/rl. or \$5.00/pkg. 5 rls.
1/64" x 648"	1519	1509	\$1.10/rl. or \$5.00/pkg. 5 rls.

**SPECIAL SLITTING.** All special slitting will carry the price of the next standard width as shown in the catalog. 10 rolls or more are required for special slitting.

## BLACK CREPE PAPER TAPE FOR PRINTED CIRCUITRY

(Precision slit to plus or minus .002")

Completely opaque with a non-reflective surface, Chart-Pak Black Crepe Paper Tape is ideal for master drawings in printed circuitry. May be used directly on the plate as a resist or on any base material. Excellent for photographic reproductions as the flat crepe paper surface is non-reflective.



Roll Size	Cat. No.	Price
2" x 324"	2-30	\$3.50/rl.
1" x 324"	1-30	\$1.95/rl.
1/2" x 324"	5030	\$1.45/rl.
1/4" x 324"	2530	\$1.25/rl.
1/8" x 324"	12530	\$1.00/rl.
1/16" x 648"	6230	\$ .80/rl. or \$3.50/pkg. 5 rls.
1/32" x 648"	3130	\$ .80/rl. or \$3.50/pkg. 5 rls.
1/4" x 648"	1530	\$ .80/rl. or \$3.50/pkg. 5 rls.
.100" x 324"	1030	\$1.00/rl.
.150" x 324"	15030	\$1.25/rl.
.200" x 324"	2030	\$1.25/rl.
.300" x 324"	3030	\$1.45/rl.

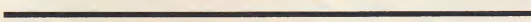
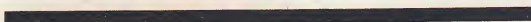
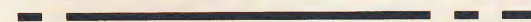









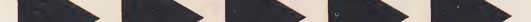

resistant "Mylar"† material, suitable for outdoor applications. Also may be used for decorative purposes and visual charts.





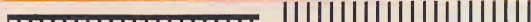


†DuPont's registered trade mark for their polyester film.

# STATISTICAL, REFERENCE AND SPECIAL SYMBOL TAPES

A wide variety of tapes for repetitive drawing or charting usage. All patterns illustrated are actual size, and the width given is that of the tape. These tapes may also be used for plant layout work. See page 22 for information on ordering special printed patterns. **PATTERNS ILLUSTRATED ARE ACTUAL SIZE**

T or TL in catalog number indicates transparent tape.

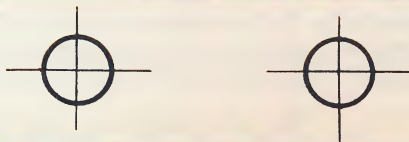
		
101 (opaque) TL243A	$\frac{1}{4}$ " x 324" $\frac{1}{4}$ " x 324"	\$1.25/rl. \$1.25/rl.
		
104 (opaque) TL244A	$\frac{1}{4}$ " x 324" $\frac{1}{4}$ " x 324"	\$1.25/rl. \$1.25/rl.
		
TL240A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
		
TL241A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
		
102 (opaque) TL245A	$\frac{1}{4}$ " x 324" $\frac{1}{4}$ " x 324"	\$1.25/rl. \$1.25/rl.
		
103 (opaque) TL247AA	$\frac{1}{4}$ " x 324" $\frac{1}{4}$ " x 324"	\$1.25/rl. \$1.25/rl.
		
105 (opaque) TL248A	$\frac{1}{4}$ " x 324" $\frac{1}{4}$ " x 324"	\$1.25/rl. \$1.25/rl.
		
TL242AA Black TL242AB Red TL242AC Blue TL242AD Green TL242AE Orange	$\frac{1}{4}$ " x 324" $\frac{1}{4}$ " x 324" $\frac{1}{4}$ " x 324" $\frac{1}{4}$ " x 324" $\frac{1}{4}$ " x 324"	\$1.25/rl. \$1.25/rl. \$1.25/rl. \$1.25/rl. \$1.25/rl.
		
TL249A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
		
TL250A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
		
TL250C	$\frac{1}{2}$ " x 324"	\$1.45/rl.
		
TL250D	$\frac{5}{8}$ " x 324"	\$1.55/rl.
		
205 (opaque) 205T	$\frac{5}{8}$ " x 324" $\frac{5}{8}$ " x 324"	\$1.55/rl. \$1.55/rl.
		
206 (opaque) 206T	$\frac{3}{8}$ " x 324" $\frac{3}{8}$ " x 324"	\$1.55/rl. \$1.55/rl.

		
207 (opaque) 207T	$\frac{5}{8}$ " x 324" $\frac{5}{8}$ " x 324"	\$1.55/rl. \$1.55/rl.
		
208 (opaque) 208T	$\frac{5}{8}$ " x 324" $\frac{5}{8}$ " x 324"	\$1.55/rl. \$1.55/rl.
		
209 (opaque) 209T	$\frac{5}{8}$ " x 324" $\frac{5}{8}$ " x 324"	\$1.55/rl. \$1.55/rl.
		
With shroud lines	* Without shroud lines	
256 (opaque) (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
256T (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*256A (opaque)	$\frac{1}{4}$ " x 324"	\$1.25/rl.
*256TA	$\frac{1}{4}$ " x 324"	\$1.25/rl.
*256AA (opaque)	$\frac{1}{8}$ " x 324"	\$1.00/rl.
*256TAA	$\frac{1}{8}$ " x 324"	\$1.00/rl.
*256B (opaque) (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*256TB (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*256C (opaque)	$\frac{1}{2}$ " x 324"	\$1.45/rl.
*256TC	$\frac{1}{2}$ " x 324"	\$1.45/rl.
		
257 (opaque) (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
257T (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*257A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
*257TA	$\frac{1}{4}$ " x 324"	\$1.25/rl.
*257AA (opaque)	$\frac{1}{8}$ " x 324"	\$1.00/rl.
*257TAA	$\frac{1}{8}$ " x 324"	\$1.00/rl.
*257B (opaque) (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*257TB (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*257C (opaque)	$\frac{1}{2}$ " x 324"	\$1.45/rl.
*257TC	$\frac{1}{2}$ " x 324"	\$1.45/rl.
		
258 (opaque) (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
258T (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*258A (opaque)	$\frac{1}{4}$ " x 324"	\$1.25/rl.
*258TA	$\frac{1}{4}$ " x 324"	\$1.25/rl.
*258AA (opaque)	$\frac{1}{8}$ " x 324"	\$1.00/rl.
*258TAA	$\frac{1}{8}$ " x 324"	\$1.00/rl.
*258B (opaque) (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*258TB (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*258C (opaque)	$\frac{1}{2}$ " x 324"	\$1.45/rl.
*258TC	$\frac{1}{2}$ " x 324"	\$1.45/rl.
		
259 (opaque) (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
259T (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*259A (opaque)	$\frac{1}{4}$ " x 324"	\$1.25/rl.
*259TA	$\frac{1}{4}$ " x 324"	\$1.25/rl.
*259B (opaque) (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*259TB (illus.)	$\frac{3}{8}$ " x 324"	\$1.35/rl.
*259C (opaque)	$\frac{1}{2}$ " x 324"	\$1.45/rl.
*259TC	$\frac{1}{2}$ " x 324"	\$1.45/rl.
*259TG	1" x 324"	\$1.95/rl.

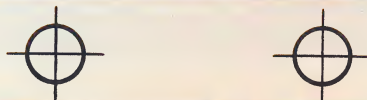
TL381A	1/4" x 324"	\$1.25/rl.
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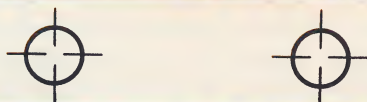
TL405E (consecutive letters A to J)	3/4" x 324"	\$1.70/rl.
TL406E (consecutive letters K to T)	3/4" x 324"	\$1.70/rl.
TL407E (consecutive letters U to Z)	3/4" x 324"	\$1.70/rl.



TL409F	7/8" x 324" (register marks)	\$1.85/rl.
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TL410	5/8" (illus.)	\$1.55/rl.
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TL411	5/8" (illus.) (open center)	\$1.55/rl.
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TL420A	1/4" x 324"	\$1.25/rl.
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TL421A	1/4" x 324"	\$1.25/rl.
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TL422A (illus.)	1/4" x 324"	\$1.25/rl.
TL423A #3	1/4" x 324"	\$1.25/rl.
TL424A #4	1/4" x 324"	\$1.25/rl.
TL425A #5	1/4" x 324"	\$1.25/rl.
TL426A #6	1/4" x 324"	\$1.25/rl.
TL427A #7	1/4" x 324"	\$1.25/rl.
TL428A #8	1/4" x 324"	\$1.25/rl.

TL429A	1/4" x 324"	\$1.25/rl.
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TL430A	1/4" x 324"	\$1.25/rl.
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TL431A	1/4" x 324"	\$1.25/rl.
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TL432A	1/4" x 324"	\$1.25/rl.
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TL433A	1/4" x 324"	\$1.25/rl.
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TL434A	1/4" x 324"	\$1.25/rl.
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TL435A	1/4" x 324"	\$1.25/rl.
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TL435A (anti-aircraft symbol)	1/4" x 324"	\$1.25/rl.
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TL437A (naval vessel symbol)	1/4" x 324"	\$1.25/rl.
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TL438A (jet aircraft symbol)	1/4" x 324"	\$1.25/rl.
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TL439A (missile symbol)	1/4" x 324"	\$1.25/rl.
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TL440A (radar symbol)	1/4" x 324"	\$1.25/rl.
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212 (opaque) 0-100	3/8" x 324"	\$1.35/rl.
212T 0-100	3/8" x 324"	\$1.35/rl.

213 (opaque) 0-100	5/8" x 324"	\$1.55/rl.
213T 0-100	5/8" x 324"	\$1.55/rl.

FEB	MAR	APR
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214 (opaque) Jan.-Dec.	1/4" x 324"	\$1.25/rl.
214T Jan.-Dec.	1/4" x 324"	\$1.25/rl.

FEB	MAR	APR
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215 (opaque) Jan.-Dec.	3/8" x 324"	\$1.35/rl.
215T Jan.-Dec.	3/8" x 324"	\$1.35/rl.

1955	1956	1957
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216 (opaque) 1955-1966	1/4" x 324"	\$1.25/rl.
216T 1955-1966	1/4" x 324"	\$1.25/rl.

1955	1956	1957
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217 (opaque) 1955-1966	3/8" x 324"	\$1.35/rl.
217T 1955-1966	3/8" x 324"	\$1.35/rl.

1955	1956	1957
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218 (opaque) 1955-1966	3/8" x 324"	\$1.35/rl.
218T 1955-1966	3/8" x 324"	\$1.35/rl.

# SECRET

This document contains information affecting the national defense of the United States, within the meaning of the Espionage Laws, Title 18, U.S.C., Secs. 793 and 794, the transmission or revelation of which in any manner, to an unauthorized person is prohibited by law.

TL441 Black	3/4" x 324"	\$1.70/rl.
TL441 Red	3/4" x 324"	\$1.70/rl.

# CONFIDENTIAL

This document contains information affecting the national defense of the United States, within the meaning of the Espionage Laws, Title 18, U.S.C., Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

TL442 Black	3/4" x 324"	\$1.70/rl.
TL442 Red	3/4" x 324"	\$1.70/rl.

# CHART PAK PRESSURE SENSITIVE TAPES HELP THE PRINTING INDUSTRY GO TO PRESS ON TIME

## Borders And Rules Come In A Roll — Are Just Pressed Down!

There's a faster, better way to do most anything in the newspaper business. Chart-Pak borders and rules, in conjunction with photo composition, is a good example.

The old way of making the many lines, stars, dots, dashes, curleques, and other border designs you see in a paper was to draw them, set them in metal along with the type, or have them printed on paper and pasted down.

Now with Chart-Pak and the use of the photo composition process, the wasted steps in setting up for production have been eliminated. With Chart-Pak, all of these borders and rules come pre-printed in the most popular patterns and sizes on pressure sensitive transparent or opaque tape. The opacity of the pre-printed patterns on pressure sensitive tape assures crisp, clean photo and diazo reproduction.

Chart-Pak tape can be stripped off and moved. Yet it won't come off accidentally, even through diazo reproduction.

## TAPES PRECISION SLIT TO NEWSPAPER POINT SIZE

Tapes precision slit to newspaper type point sizes are used for quick cold type composition layout work where accurate advertising border lines, column lines, and rules are necessary.

Chart-Pak will slit any of the standard pattern tapes shown on pages 12, 13 of the catalog in 6 point or 12 point widths for newspaper layout work. A minimum order of 10 rolls of each desired width is required.

All tapes on this page are easily adapted for usage in the drafting and visual communication field.

Cat. No. Black	Pt. Size	Dec. Equiv.	Length of Roll	Price
G2	2	.0277"	648"	\$ .80/rl. or \$3.50/pkg. 5 rls.
G4	4	.0552"	648"	\$ .80/rl. or \$3.50/pkg. 5 rls.
G6	6	.083"	324"	\$ .80/rl.
G12	12	.166"	324"	\$ .90/rl.

## BEN DAY PATTERN



The Ben Day pattern was developed specifically for newspaper cold type composition. This tape saves a great deal of art work preparation, and eliminates the stripping and cutting problem in previous pre-printed Ben Day sheet forms.

Catalog No.	Point Size	Dec. Equiv.	Price
G 6 K (opaque)	6 pt. x 324"	.083	\$ .80/rl.
G 6 K T	6 pt. x 324"	.083	\$ .80/rl.
G12 K (opaque)	12 pt. x 324"	.166	\$ .90/rl.
G12 K T	12 pt. x 324"	.166	\$ .90/rl.

## TRANSLUCENT

## BLOCKOUT TAPE

Excellent for "block out" work in setting up negatives for the printing of forms or in the photographic lab for opaquing, edging or stripping. The tape is translucent and maroon in color. Available in precision slit type point sizes (of 6 and 12, .083", .116"), as well as in standard widths of 1", 1/2", 1/4", 1/8", 1/16", and 1/32". Block-out tape may also be used as an additional transparent color in overhead projection presentation work.

Cat. No.	Roll Size	Price
1-31	1" x 324"	\$1.25/rl.
5031 (illus.)	1/2" x 324"	\$1.00/rl.
2531	1/4" x 324"	\$ .90/rl.
12531	1/8" x 324"	\$ .80/rl.
6231	1/16" x 648"	\$3.50/pkg. 5 rls.
3131	1/32" x 324"	\$3.50/pkg. 5 rls.
G6-31	.083 x 324"	\$ .80/rl.
G12-31	.166 x 324"	\$ .90/rl.

## PATTERN BLOCKOUT TAPE







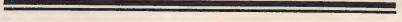


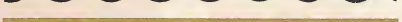

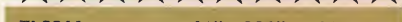
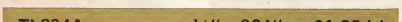
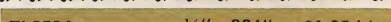
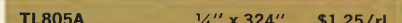
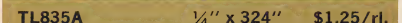
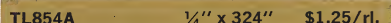
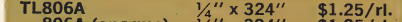
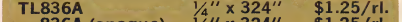
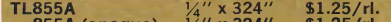
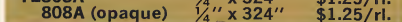
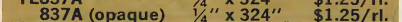
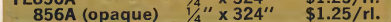
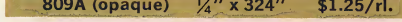
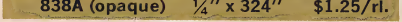
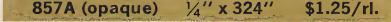



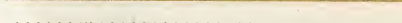
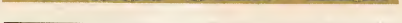
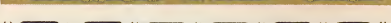



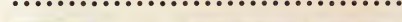




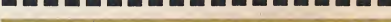
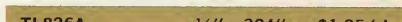

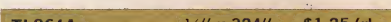
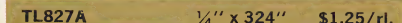
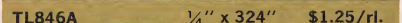

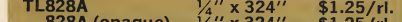
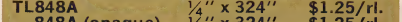
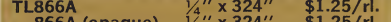

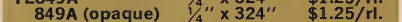


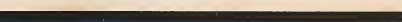
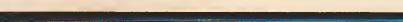
Excellent for the printing of forms where an accurate broken line is a necessity.

Cat. No.	Roll Size	Price
TL868AA	1/8" x 324"	\$1.00/rl.
TL868A	1/4" x 324"	\$1.25/rl.
TL868C	1/2" x 324"	\$1.45/rl.

# NEWSPAPER AND DECORATIVE BORDER TAPES

PATTERNS ILLUSTRATED ARE ACTUAL SIZE

T or TL in catalog number indicates transparent tape.

		
TL801A 801A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL830A 830A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL850A 850A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL802A 802A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL831A 831A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL851A 851A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL803A 803A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL833A 833A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL852A 852A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL804A 804A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL834A 834A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL853A 853A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL805A 805A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL835A 835A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL854A 854A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL806A 806A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL836A 836A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL855A 855A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL808A 808A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL837A 837A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL856A 856A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL809A 809A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL838A 838A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL857A 857A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL810A 810A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL839A 839A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL858A 858A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL811A 811A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL840A 840A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL859A 859A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL812A 812A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL841A 841A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL860A 860A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL813A 813A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL842A 842A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL861A 861A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL814A 814A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL843A 843A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL862A 862A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL825A 825A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL844A 844A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL863A 863A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL826A 826A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL845A 845A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL864A 864A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL827A 827A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL846A 846A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL865A 865A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL828A 828A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL848A 848A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	TL866A 866A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.
		
TL829B 829 B (opaque) $\frac{3}{8}$ " x 324" \$1.35/rl. $\frac{3}{8}$ " x 324" \$1.35/rl.	TL849A 849A (opaque) $\frac{1}{4}$ " x 324" \$1.25/rl. $\frac{1}{4}$ " x 324" \$1.25/rl.	867AA (Available in opaque only) $\frac{1}{8}$ " x 324" \$1.00/rl.




# TRANSPARENT PLANT AND OFFICE LAYOUT, STRUCTURAL AND MATERIAL CONVEYOR TAPES

Transparent plant layout tapes, laminated for the protection of the opaque printing, have a heat resistant adhesive perfect for diazo reproduction. These tapes are accurately printed in a variety of draftsman-drawn patterns representing walls, structural components, power lines, material conveyors, etc., drawn to a scale of  $\frac{1}{4}" = 1'$ . Depending upon the legend set up by the draftsman or architect, the wide variety of patterns offer a time saving method in repetitive plant layout drawing. For special patterns printed to order, see page 22.

**PATTERNS ILLUSTRATED ARE ACTUAL SIZE.**

T or TL in catalog number indicates transparent tape.

	TL380A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL382A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL383A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL384A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL385A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL386A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL387A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL388A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL389A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL390A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL391A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL392A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL393A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL394A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL395A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL396A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL397A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL398A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL399A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL400A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL817A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL818A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL819A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL820A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL821A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL822B	$\frac{3}{8}" \times 324"$	\$1.35/rl.
	TL823A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL824A	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL350A Bldg. Cols. Steel WF 6" (as illustrated)	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL350AA Bldg. Cols.-Steel WF 8" (as illustrated)	$\frac{1}{4}" \times 324"$	\$1.25/rl.
	TL350B Bldg. Cols.-Steel WF 12" (as illustrated)	$\frac{3}{8}" \times 324"$	\$1.35/rl.
	TL350C Bldg. Cols.-Steel WF 18" (as illustrated)	$\frac{1}{2}" \times 324"$	\$1.45/rl.
	TL354A	$\frac{1}{4}" \times 324"$	\$1.25/rl.


	TL354AA	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	TL815A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	TL816A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	258A (opaque)	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	258TA	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	258AA (opaque)	$\frac{1}{4}$ " x 324"	\$1.00/rl.
	258TAA	$\frac{1}{4}$ " x 324"	\$1.00/rl.
	370A (opaque)	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	TL370A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	371Z (opaque)	$\frac{1}{4}$ " x 324"	\$1.00/rl.
	TL371Z	$\frac{1}{4}$ " x 324"	\$1.00/rl.
	TL373A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	TL374A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	TL375A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	TL376A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	TL377A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	TL378A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
	TL120B 12" Roller Conveyor	$\frac{3}{8}$ " x 324" (as illustrated)	\$1.35/rl.
	TL120C 15" Roller Conveyor	$\frac{1}{2}$ " x 324"	\$1.45/rl.
	TL120E 28" Roller Conveyor	$\frac{3}{4}$ " x 324"	\$1.70/rl.
	TL120F 36" Roller Conveyor	$\frac{7}{8}$ " x 324"	\$1.85/rl.
	TL120G 40" Roller Conveyor	1" x 324"	\$1.95/rl.



TL120BD 12" Roller Conv.-Curve ( $\frac{3}{4}$ " inside radius)	$\frac{3}{8}$ " x 324"	\$1.55/rl.
TL120CE 15" Roller Conv.-Curve ( $\frac{3}{4}$ " inside radius)	$\frac{1}{2}$ " x 324" (as illustrated)	\$1.70/rl.
TL120EG 28" Conv.-Curve (1" inside radius)	1" x 324"	\$1.95/rl.

#### O. H. MONORAIL

TL122A 6" Overhead Monorail	$\frac{1}{4}$ " x 324"	\$1.25/rl.
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	TL122AC 6" Overhead Monorail-Curve (1" inside radius)	$\frac{1}{2}$ " x 324"	\$1.45/rl.
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## BELT CONV.

TL126C 20" Belt Conveyor	$\frac{1}{2}$ " x 324" (as illustrated)	\$1.45/rl.
TL126A 10" Belt Conveyor	$\frac{1}{4}$ " x 324"	\$1.25/rl.
TL127AA	$\frac{1}{4}$ " x 324"	\$1.25/rl.
TL127AB	$\frac{1}{4}$ " x 324"	\$1.25/rl.
TL127AC	$\frac{1}{4}$ " x 324"	\$1.25/rl.
TL355AP Power	$\frac{1}{4}$ " x 324"	\$1.25/rl.
TL355AT Telephone	$\frac{1}{4}$ " x 324"	\$1.25/rl.
259TA 12" Aisles — Dotted	$\frac{1}{4}$ " x 324" (as illustrated)	\$1.25/rl.
259TC 24" Aisles — Dotted	$\frac{1}{2}$ " x 324"	\$1.45/rl.
259TG 48" Aisles — Dotted	1" x 324"	\$1.95/rl.

## aisle

TL359B Aisle-Printed Word "Aisle"	$\frac{3}{8}$ " x 324"	\$1.35/rl.
TL360E 36" Stairs (as illustrated)	$\frac{3}{4}$ " x 324"	\$1.70/rl.
TL360H 60" Stairs	1 $\frac{1}{4}$ " x 324" $\frac{1}{4}$ " spacing-Printed to edge (as illustrated)	\$2.30/rl.
TL362A	$\frac{1}{4}$ " x 324"	\$1.25/rl.
TL363AA*	$\frac{1}{4}$ " x 324"	\$1.25/rl.
TL363A*	$\frac{1}{4}$ " x 324"	\$1.25/rl.
TL363B*	$\frac{3}{8}$ " x 324"	\$1.35/rl.

\* Also available in red, blue and green.

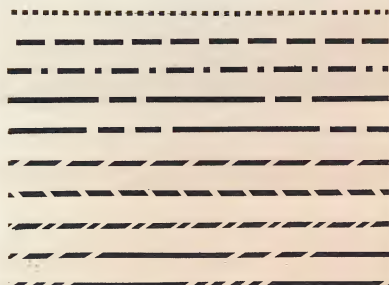
# STANDARD PATTERN TAPES

AVAILABLE IN 7 COLORS ON OPAQUE TAPE — Black, Red, Blue, Green, Brown, Yellow, Orange

AVAILABLE IN 4 COLORS ON TRANSPARENT TAPE — Black, Red, Blue, Green

HEAT RESISTANT ADHESIVE FOR PERFECT DIAZO REPRODUCTION

## "CURVE-LINE" STANDARD PATTERN TAPES



Size	Cat. Nos. (Opaque)	Cat. Nos. (Transparent)	Price
$\frac{1}{32}$ " x 648"	3120	3120T	\$3.50/pkg. 5 rls.
$\frac{1}{32}$ " x 648"	3121	3121T	\$3.50/pkg. 5 rls.
$\frac{1}{32}$ " x 648"	3122	3122T	\$3.50/pkg. 5 rls.
$\frac{1}{32}$ " x 648"	3123	3123T	\$3.50/pkg. 5 rls.
$\frac{1}{32}$ " x 648"	3124	3124T	\$3.50/pkg. 5 rls.
$\frac{1}{32}$ " x 648"	3125	3125T	\$3.50/pkg. 5 rls.
$\frac{1}{32}$ " x 648"	3126	3126T	\$3.50/pkg. 5 rls.
$\frac{1}{32}$ " x 648"	3127	3127T	\$3.50/pkg. 5 rls.
$\frac{1}{32}$ " x 638"	3128	3128T	\$3.50/pkg. 5 rls.
$\frac{1}{32}$ " x 648"	3129	3129T	\$3.50/pkg. 5 rls.

PATTERNS ILLUSTRATED ARE ACTUAL SIZE

## "CURVE-LINE" STANDARD PATTERN TAPES

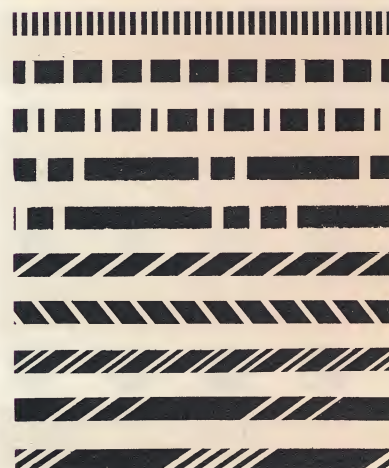


Size	Cat. Nos. (Opaque)	Cat. Nos. (Transparent)	Price
$\frac{1}{16}$ " x 648"	6220	6220T	\$3.50/pkg. 5 rls.
$\frac{1}{16}$ " x 648"	6221	6221T	\$3.50/pkg. 5 rls.
$\frac{1}{16}$ " x 648"	6222	6222T	\$3.50/pkg. 5 rls.
$\frac{1}{16}$ " x 648"	6223	6223T	\$3.50/pkg. 5 rls.
$\frac{1}{16}$ " x 648"	6224	6224T	\$3.50/pkg. 5 rls.
$\frac{1}{16}$ " x 648"	6225	6225T	\$3.50/pkg. 5 rls.
$\frac{1}{16}$ " x 648"	6226	6226T	\$3.50/pkg. 5 rls.
$\frac{1}{16}$ " x 648"	6227	6227T	\$3.50/pkg. 5 rls.
$\frac{1}{16}$ " x 648"	6228	6228T	\$3.50/pkg. 5 rls.
$\frac{1}{16}$ " x 648"	6229	6229T	\$3.50/pkg. 5 rls.

SPECIFY CATALOG

NUMBER AND COLOR WHEN ORDERING.

If Color is not specified, Black will be shipped.



Size	Cat. Nos. (Opaque)	Cat. Nos. (Transparent)	Price
$\frac{1}{8}$ " x 324"	12520	12520T	\$1.00/rl.
$\frac{1}{8}$ " x 324"	12521	12521T	\$1.00/rl.
$\frac{1}{8}$ " x 324"	12522	12522T	\$1.00/rl.
$\frac{1}{8}$ " x 324"	12523	12523T	\$1.00/rl.
$\frac{1}{8}$ " x 324"	12524	12524T	\$1.00/rl.
$\frac{1}{8}$ " x 324"	12525	12525T	\$1.00/rl.
$\frac{1}{8}$ " x 324"	12526	12526T	\$1.00/rl.
$\frac{1}{8}$ " x 324"	12527	12527T	\$1.00/rl.
$\frac{1}{8}$ " x 324"	12528	12528T	\$1.00/rl.
$\frac{1}{8}$ " x 324"	12529	12529T	\$1.00/rl.



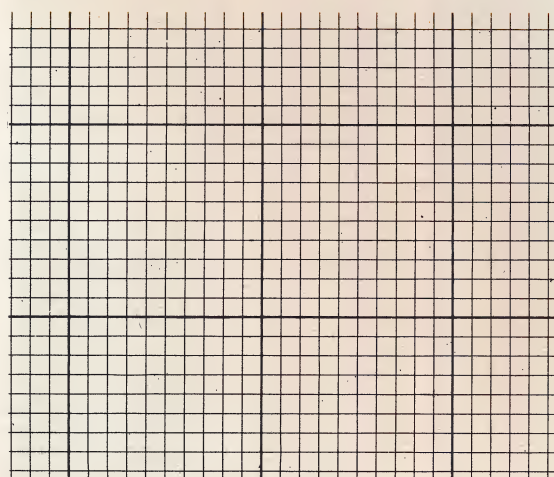
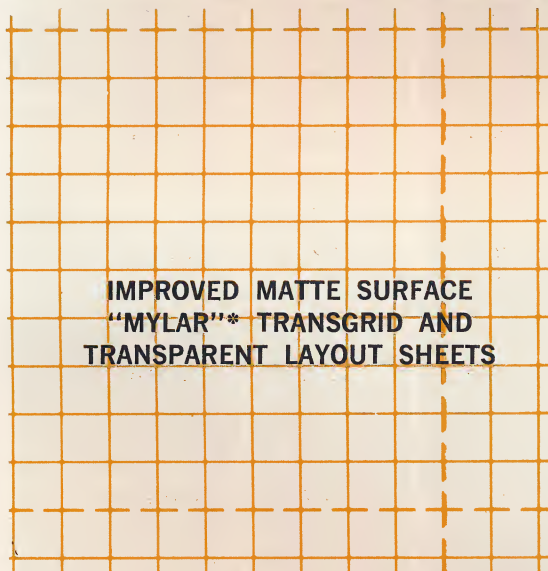
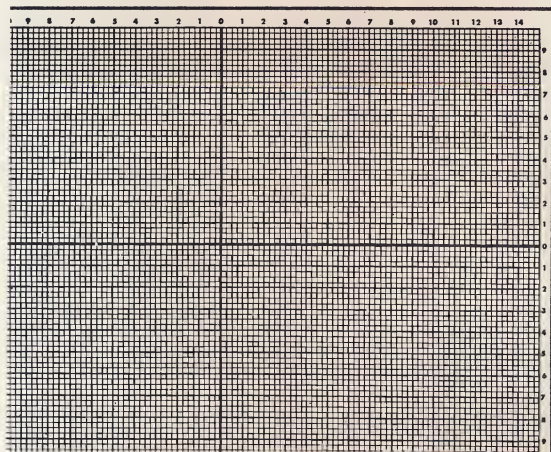
Size	Cat. Nos. (Opaque)	Cat. Nos. (Transparent)	Price
1/4" x 324"	2520	2520T	\$1.25/rl.
1/4" x 324"	2521	2521T	\$1.25/rl.
1/4" x 324"	2522	2522T	\$1.25/rl.
1/4" x 324"	2523	2523T	\$1.25/rl.
1/4" x 324"	2524	2524T	\$1.25/rl.
1/4" x 324"	2525	2525T	\$1.25/rl.
1/4" x 324"	2526	2526T	\$1.25/rl.
1/4" x 324"	2527	2527T	\$1.25/rl.
1/4" x 324"	2528	2528T	\$1.25/rl.
1/4" x 324"	2529	2529T	\$1.25/rl.



Size	Cat. Nos. (Opaque)	Cat. Nos. (Transparent)	Price
1/2" x 324"	5020	5020T	\$1.45/rl.
1/2" x 324"	5021	5021T	\$1.45/rl.
1/2" x 324"	5022	5022T	\$1.45/rl.
1/2" x 324"	5023	5023T	\$1.45/rl.
1/2" x 324"	5024	5024T	\$1.45/rl.
1/2" x 324"	5025	5025T	\$1.45/rl.
1/2" x 324"	5026	5026T	\$1.45/rl.
1/2" x 324"	5027	5027T	\$1.45/rl.
1/2" x 324"	5028	5028T	\$1.45/rl.
1/2" x 324"	5029	5029T	\$1.45/rl.

# CHART-PAK PLANNING BOARDS, GRIDS AND SHEETS

Recommended for greatest efficiency and economy, these boards have the ideal surface on which to make charts, graphs and layouts with Chart-Pak tapes. The grid units make it easy to position tapes and components accurately. The non-porous surface facilitates removal of tapes and templates when revisions are necessary; and the boards and sheets can be re-used almost indefinitely without wear or reduced effectiveness. Matte finish can be written on with crayon or pencil — easily cleaned with Chart-Pak Plastic Cleaner (see page 23) or a mild solution of liquid detergent.



## MODEL A PLANNING BOARD — OPAQUE

**Description** — Opaque matte finish laminated plastic board, white with non-reproducible blue grid lines.

**Model A Planning Board** (for layouts and organization charts) 20 $\frac{3}{4}$ " x 32 $\frac{1}{2}$ " x .03". Printed area 20" x 30". Every fourth line on each axis is accented. Four units to the inch. Price — \$13.75 ea. \$11.00 ea. in pkgs. of 3 or more

**Model E Planning Board** (for layouts and organization charts) 10 $\frac{3}{4}$ " x 17" x .02". Printed area 10" x 16". Every fourth line on each axis is accented. Four units to the inch. Price — \$4.50 ea. \$3.60 ea. in pkgs. of 6 or more

**Model A-5 Planning Board** (for graphic charts) 20 $\frac{3}{4}$ " x 32 $\frac{1}{2}$ " x .03". Printed area 20" x 30". Every fifth line on each axis is accented. Five units to the inch. Price — \$13.75 ea. \$11.00 ea. in pkgs. of 3 or more

**Model E-5 Planning Board** (for graphic charts) 10 $\frac{3}{4}$ " x 17" x .02". Printed area 10" x 16". Every fifth line on each axis is accented. Five units to the inch. Price — \$4.50 ea. \$3.60 ea. in pkgs. of 6 or more

## IMPROVED MATTE SURFACE "MYLAR"\* TRANSGRID AND TRANSLUCENT LAYOUT SHEETS

**Description** — Translucent .0075" matte finish "Mylar"\*, printed with Orange or Black (reproducible) or Blue (non-reproducible) continuous  $\frac{1}{4}$ " interval grid, every tenth line dashed. Available in rolls or cut sheets.

Crisp reproduction (due to the translucent matte surface) is assured with Chart-Pak's improved Matte Surface Mylar\* Transgrid. The rugged matte surface will take the workings of ink and pencil and the erasure quality is excellent. Suggested for the plant and office layout or technical illustrations where a  $\frac{1}{4}$ " grid is needed.

Length of Piece	Reproducible Black Grid	Reproducible Orange Grid	Non-Reproducible Blue Grid	Price Per Piece
1 yd.	TBK-1	TBO-1	TBL-1	\$ 6.50
5 yds.	TBK-5	TBO-5	TBL-5	\$28.00
10 yds.	TBK-10	TBO-10	TBL-10	\$54.00

Sheet width is 36"; printed area is 35"

Standard lengths listed above;

all others are dealer custom cut to your need.

## "MYLAR"\* TRANSLUCENT PRECISION GRIDS For Layouts, Graphs, Printed Circuitry

**Description** — Grids printed in black or non-reproducible blue, on matte finish "Mylar"\* .0075 thick, and guaranteed accurate to plus or minus .005"; specifically designed for master drawings in printed circuitry or wherever accuracy and dimensional stability is of critical importance.

**Cat. No. PG-10** 21" x 31" x .0075". Printed area 20" x 30" 10 units per inch. Each 10th line is accented.

**Price:** 1-49 sheets \$12.50 ea. 50 sheets or over \$10.00 ea.  
**Cat. No. PG-8** 21" x 31" x .0075". Printed area 20" x 30" 8 units per inch. Each 8th line is accented.

**Price:** 1-49 sheets \$12.50 ea. 50 sheets or over \$10.00 ea.  
**Cat. No. PG-10L** 31" x 41" x .0075". Printed area 30" x 40" 10 units per inch. Each 10th line is accented.

Available in blue only.

**Price** \$20.00 each.

\*DuPont's registered trademark for their polyester film.

## CHART-PAK PRECISION "TAPE-PEN"

A carefully engineered precision tool, this "TAPE-PEN" was designed for draftsmen, engineers, layout men, artists, as well as chart and graph makers. Easily held in the hand, the Chart-Pak "TAPE-PEN" smoothly "rolls on" a line of Chart-Pak tape, either freehand, following a straight edge or French Curve. This assures an accurate and uniform line, applied with ease and speed. 7 sizes, color-keyed for identification.

Cat. No.	(Tape Width)	Color Key	Price
320	$\frac{1}{16}$ "	Gold	\$6.95*
321	$\frac{1}{32}$ "	Green	\$6.95*
322	$\frac{1}{8}$ "	Red	\$6.95*
323	$\frac{1}{4}$ "	Blue	\$8.50
326	$\frac{3}{16}$ "	Copper	\$6.95*
330	$\frac{3}{32}$ "	Pink	\$6.95*
331	$\frac{1}{2}$ "	Orange	\$6.95*

\*Set of any two in these sizes \$13.00

### Chart-Pak Beam Compass "Tape-Pen" Holder

A desirable accessory to go with your Chart-Pak precision "TAPE-PEN". The Beam Compass "TAPE-PEN" Holder applies tape in all narrow widths in precise accurate circles. Adjustable to various size circles, it may also be used to make half circles and arcs.

Additional beam sections (9 $\frac{3}{4}$ " ) may be attached to the holder for larger circles.

**Cat. No. 328** (2" to 18" diameter circles) **\$9.50**

**Cat. No. 328E** (individual beam section **\$2.00**  
with screw)

## TERMINAL CONNECTOR STRIPS

Accurately positioned terminal connectors printed on pressure sensitive matte "Mylar"\* saves valuable time for the printed circuit draftsman. Repetitive drawing is eliminated and the accurately spaced and quality printed terminal connectors assures perfect reproduction. Accurately spaced printed circuit board terminates are designed for standard edgeboard sockets.

Any standard terminal connector strip is available upon request.

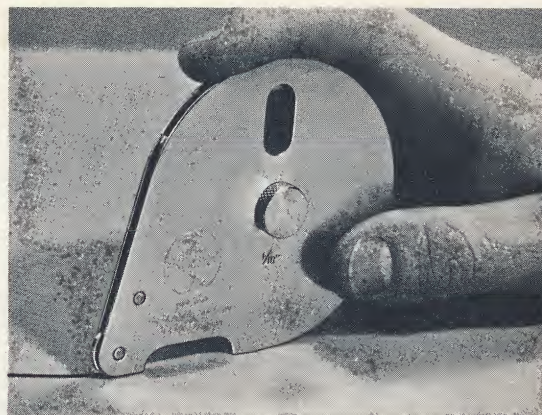
22 terminals per strip 6 strips per package



TS-2  
2:1 SIZE  $\frac{1}{2}$

Price: \$1.00 / pkg.

\* DuPont's registered trade mark for their polyester film.

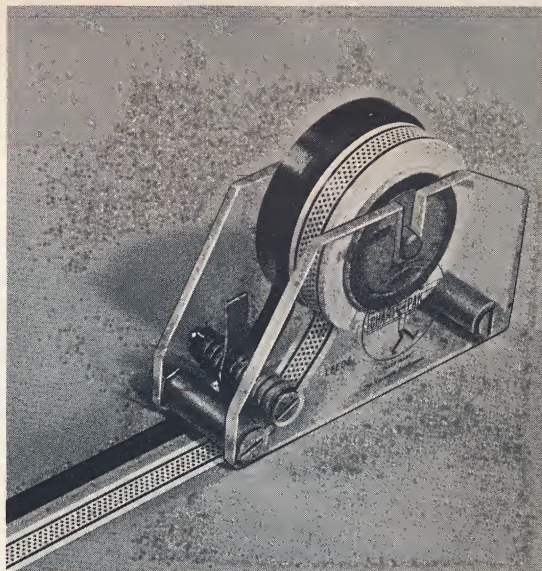


## CHART-PAK PLASTIC ADJUSTABLE "TAPE-PEN"

This adjustable "TAPE-PEN" offers greater convenience and speed for draftsmen, artists, and those in the field of visual communication. Space bars with movable guides adapt this "TAPE-PEN" for use with any Chart-Pak tape or combination of tapes aggregating  $\frac{1}{16}$ ",  $\frac{1}{8}$ ",  $\frac{3}{16}$ ",  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ". Especially useful for simultaneous application of parallel tapes or combination of center tape and "shroud lines".

**Cat. No. 325**

**Price \$4.50**



TS-1  
4:1 SIZE  $\frac{1}{2}$

Price: \$1.00 / pkg.

# THE CHART-PAK METHOD FOR OFFICE AND PLANT LAYOUTS

THIS EASY-TO-USE 8-STEP METHOD WILL ASSIST YOU IN MAKING A NEAT, ACCURATE AND PROFESSIONAL LAYOUT.

# 1

**Make a Rough Draft** Using pencil and graph paper, prepare a sketch showing location and dimensions of all walls, partitions, doors and windows. Indicate radiators, air conditioning and other fixed equipment.

# 2

**Make Floor Plan to Scale** Using appropriate Chart-Pak structural tape (page 10 and 11) for walls, partitions, etc., apply to Chart-Pak Planning Board\* or Grid. A suitable selection of Chart-Pak tapes is available to indicate fixed equipment. Apply, to scale, on planning board.

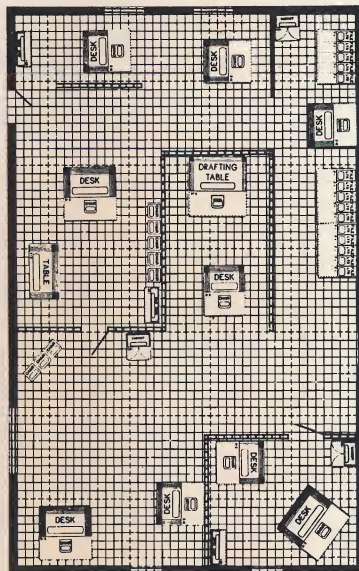
*\*Chart-Pak Planning Board and templates are ruled and scaled  $\frac{1}{4}$ " = 1 foot.*

# 3

**Select Templates** Next the proper template should be selected to indicate desk, chair, table, etc.

# 4

**Write or Type** Write or type in descriptions, names, numbers, or other classifications. A sharp, clear impression is necessary for good reproduction. Trim templates as necessary.



*Specimen*

# 5

**Position Templates** With protective backing sheet still in place, position templates on planning board. Rearranging should be done at this time.

# 6

**Apply Templates** (a) Lay template on a flat surface (face down), and with Chart-Pak Chisel loosen the corner of the backing sheet at the split and peel from template. Never peel template from backing sheet. (b) Turn template (face up) and place in correct position on floor plan. Place a clean sheet of paper over template and press down firmly. (Paper will avoid smudging of typing or writing).

# 7

## Complete With Tape

Chart-Pak tapes, such as continuous arrows (page 6) or "CURVE LINE" and transparent colored tape (pages 3 and 4) may be used to indicate work areas assigned to various equipment or operations.

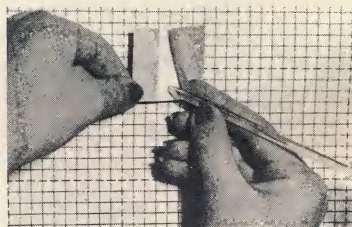
# 8

**Inspection** A final inspection of the layout and check against the original draft is the final step. The layout, made with Chart-Pak materials, is now ready for presentation.

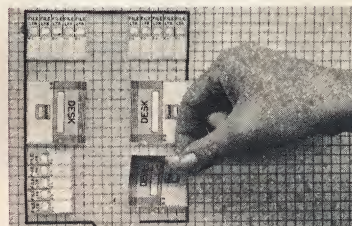
**Revisions** It is easy to revise a layout whenever desired. Use the Chart-Pak Chisel to loosen the short side of the template from the Planning Board. Steadily, but slowly, pull the template from the board.

**Reproduction** Layouts made with Chart-Pak transparent templates and tapes and applied to a transparent grid sheet offer excellent reproduction qualities in any standard reproduction equipment.

*How to peel backing sheet from Template.*



*How to apply Template*



# CHART-PAK OFFICE AND DRAFTING ROOM FURNITURE TEMPLATES

Chart-Pak Templates are die-cut to extreme accuracy from special plasticized paper or matte finish film, with a permanent pressure sensitive adhesive, protected by a backing sheet. Easily applied, templates can be lifted, shifted and replaced many times without damage or loss of tack.

Dimension indications shown with these facsimiles are for reference only and are not included in the templates.

Lines on templates represent 2-inch increments (to scale) so that templates can be trimmed to cover accurately the

range of standard sizes of desks and tables made by leading manufacturers of wood and steel office furniture.

**O — Opaque Templates** Printed on plasticized, non-curling material. For use with opaque planning board (see page 14) for *photographic* reproduction.

**T — Transparent Templates** Printed on matte finish transparent plastic. For use with transparent grid (see page 14) for *diazo* reproduction.

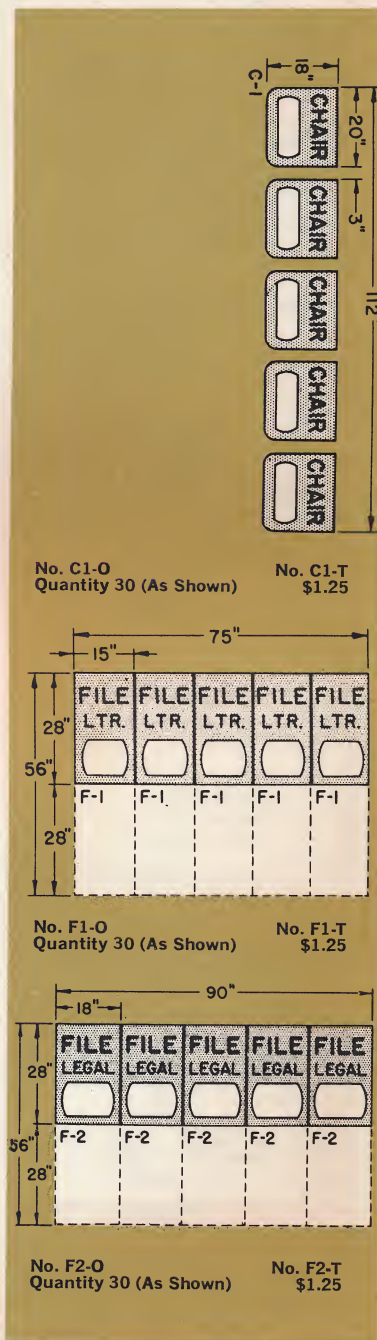
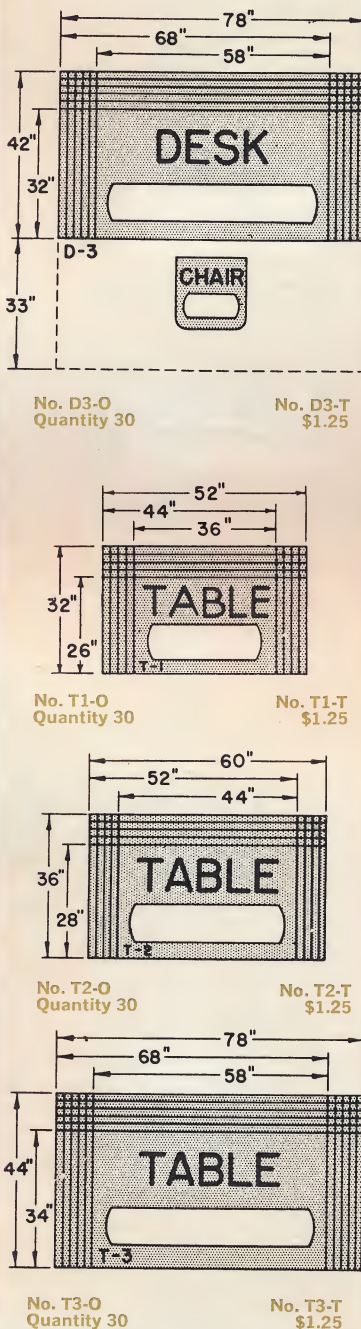
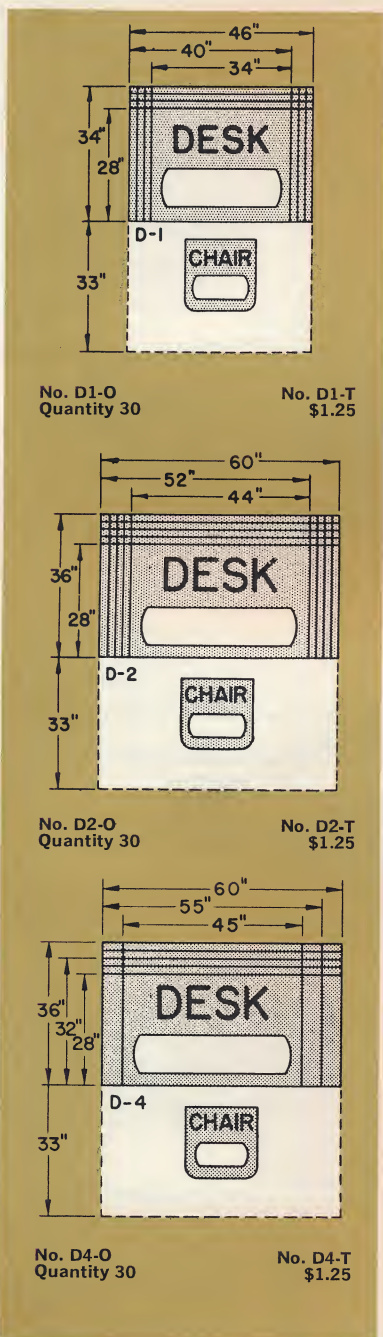
In ordering be sure to include "O" or "T" in catalog number.

See Also — page 14 for grids to facilitate easy, accurate layouts.

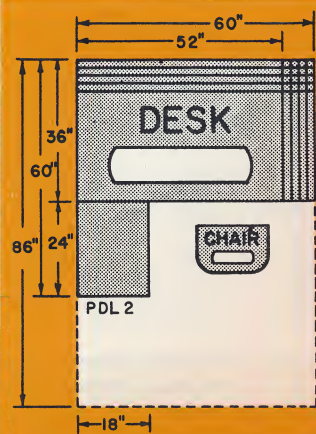
— pages 10 and 11 for special tapes for plant and office layout, structural symbols, traffic flow indicators, etc.

— page 23 for sheets from which to make your own templates for equipment not shown here.

— page 22 for instructions on ordering special templates or tapes.



# "Before you move a desk — Move a TEMPLATE"



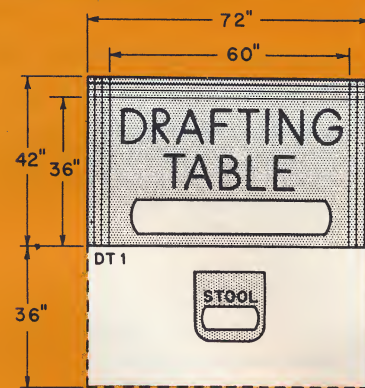
No. PDL2-O  
Quantity 30

No. PDL2-T  
Price \$1.25



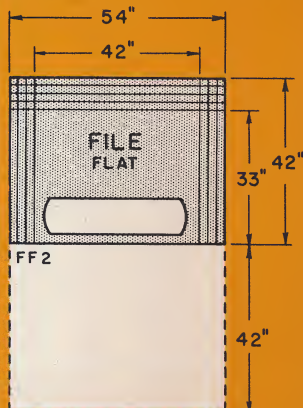
No. PDR2-O  
Quantity 30

No. PDR2-T  
Price \$1.25



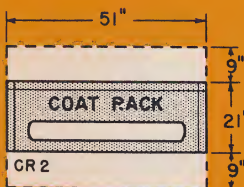
No. DT1-O  
Quantity 30

No. DT1-T  
Price \$1.25



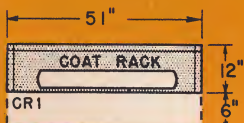
No. FF2-O  
Quantity 30

No. FF2-T  
Price \$1.25



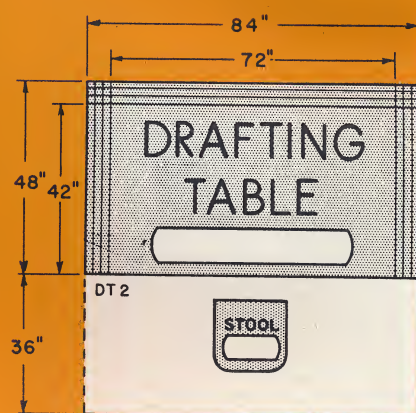
No. CR2-O  
Quantity 30

No. CR2-T  
Price \$1.25



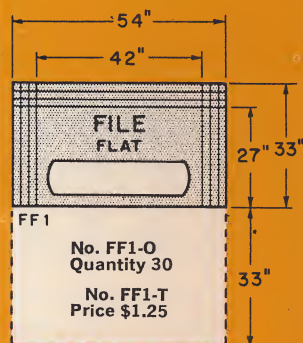
No. CR1-O  
Quantity 30

No. CR1-T  
Price \$1.25



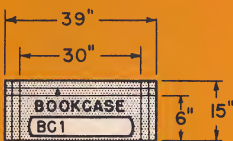
No. DT2-O  
Quantity 30

No. DT2-T  
Price \$1.25



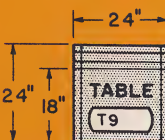
No. FF1-O  
Quantity 30

No. FF1-T  
Price \$1.25



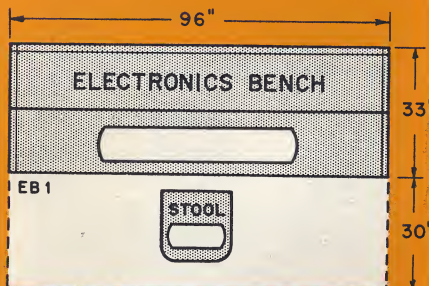
No. BC1-O  
Quantity 30

No. BC1-T  
Price \$1.25



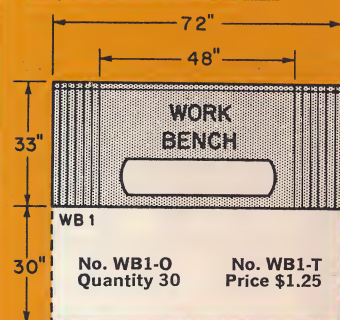
No. T9-O  
Quantity 30

No. T9-T  
Price \$1.25



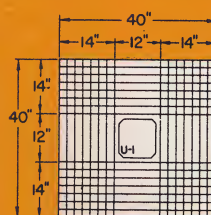
No. EB1-O  
Quantity 30

No. EB1-T  
Price \$1.25



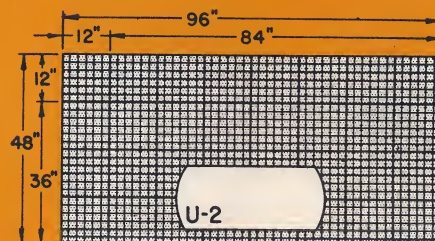
No. WB1-O  
Quantity 30

No. WB1-T  
Price \$1.25



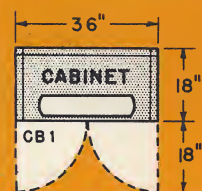
No. U1-O  
Quantity 30

No. U1-T  
Price \$1.25



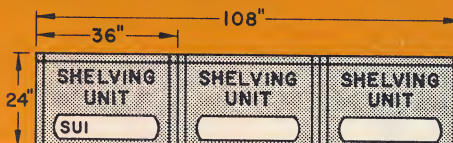
No. U2-O  
Quantity 30

No. U2-T  
Price \$1.25



No. CB1-O  
Quantity 30

No. CB1-T  
Price \$1.25



No. SUI-O  
Quantity 30

No. SUI-T  
Price \$1.25

# "PICTO-PAK"

For some types of charts, pictorial symbols are often the best way to present material visually. Picto-Pak symbols—copyrighted symbols developed by the Pictograph Corporation—combine readily with other Chart-Pak components for a graphic presentation.

They are printed in groups on 8½" x 11" sheets of opaque ledger paper or matte finish film, both with pressure sensitive adhesive. Each sheet contains symbols in 3 sizes—1¼", ¾" and ½" high.

Price: \$1.00 per single sheet  
\$8.40 doz. assorted sheets

**O — OPAQUE** Printed on white ledger paper. Takes writing or typing. For visual presentation or *photographic* reproduction.

**T — TRANSPARENT** Printed on matte finish transparent plastic. Takes typing or writing (with india ink, pencil or crayon). For *diaz* reproduction.

In ordering be sure to add "O" or "T" to catalog number shown below.

If "O" or "T" not specified, "O" will be shipped.

For special symbols, printed to order, see "Special Orders," page 22.



S12



S13



S16



S18



S25



S26



S27



S28



S29



S31



S34



S35



S37



S38



S39



S42



S43



S44



S45



S46



S54



S55



S56



S57



S58



S64



S65



S66



S67



S47



S48



S59



S69



S49



S60



S70



S50



S61



S71



S51



S62



S72



S52



S63



S41



S53



S40

# THE CHART-PAK METHOD FOR ORGANIZATION CHARTS

The Chart-Pak method for making organization charts is simple, fast, and flexible. Revisions to reflect organization changes are easily made. The final charts may be readily reproduced by standard reproduction methods.

Chart-Pak provides all the necessary materials, including:

1. Preprinted Rectangles or "Boxes" with adhesive backing, in 19 sizes (page 20).
2. Tapes for connecting lines of duties or authority.  
Solid Lines — **Catalog Nos. 101, 104, 3101.**  
Broken Lines — **Catalog Nos. 102, 3120, 3121.**  
Arrows — **Catalog Nos. 103, TL242AA.**
3. Planning Boards, which have the ideal surface for the application and removal of tapes and rectangles, with guide lines in fade-out blue to facilitate planning symmetrically balanced charts.  
Model A or E (page 14)
4. Accessories:  
Plastic Tape Cutter — **Catalog No. 317.**  
Plastic Chisel — **Catalog No. 319.**  
Plastic Board Cleaner — **Catalog No. 314.**

Instructions and suggestions are included with each package of Rectangles or Circles. Briefly, the method, as developed by Chart-Pak, is as follows:

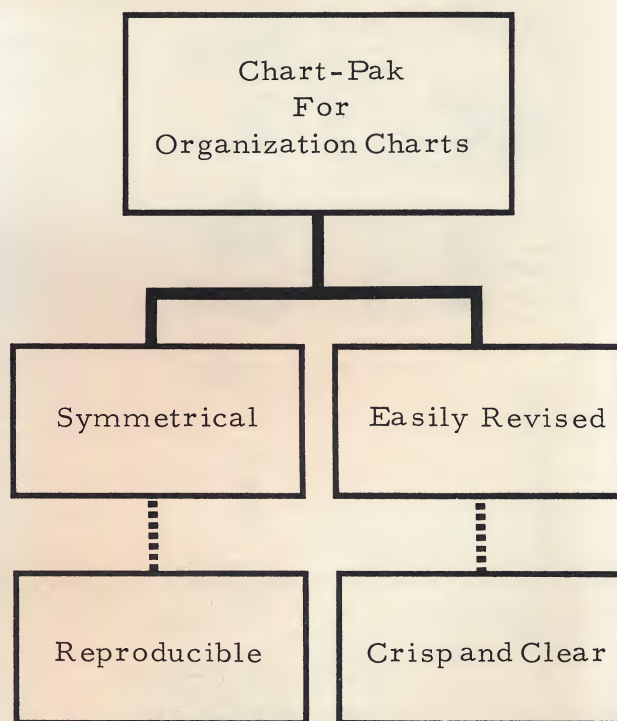
1. Type or letter the necessary data on the pre-drawn "boxes".
2. Trim the "boxes" and arrange in the desired symmetrical pattern on the Planning Board.
3. Remove the backing and mount the self sticking "boxes" on the Board.
4. "Draw" the connecting lines with the appropriate tapes.
5. Make revisions by peeling off and replacing the "boxes" and tapes.
6. Display or reproduce the finished chart by any standard method (for Diazo reproduction, use transparent Rectangles on blue "Transgrid".)

# PRE-DRAWN RECTANGLES AND CIRCLES

## Organization and Flow Chart

Designed primarily for organization and flow charts, these rectangles and circles may also be used as title blocks, or legend frames for graphs or maps, as labels, and for other uses. On ledger paper or transparent matte finish film with permanent, pressure sensitive adhesive (with a protective backing) the rectangles and circles are printed in sheets, for easy typing, except Nos. 9, 10, 11, which are individually pre-cut.

For sizes other than those listed, see instructions for special orders, on page 22.



Cat. No.		Size of Ea. Block	Blocks per pkg.	Sheets per pkg.	Price per pkg.
Opaque	Trans- parent				
1A	1A-T	¾" x 1½"	180	6	\$1.00
1B	1B-T	1" x 2"	120	6	1.00
1C	1C-T	½" x 2"	216	6	1.00
1D	1D-T	1½" x 2"	90	6	1.00
2	2-T	1" x 3"	90	6	1.00
3	3-T	1" x 4"	60	6	1.00
4	4-T	1" x 5"	48	6	1.00
5	5-T	1½" x 3"	60	6	1.00
6	6-T	1½" x 4"	48	6	1.00
7	7-T	2" x 3"	48	6	1.00
8	8-T	2" x 4"	36	6	1.00
9	9-T	3" x 5"	12	6	1.00
10	10-T	4" x 6"	12	6	1.00
11	11-T	5" x 8"	6	6	1.00
12	12-T	2½" x 5"	18	6	1.00
13	13-T	2½" x 7"	12	6	1.00
14	14-T	2½" x 9"	12	6	1.00
20C	20C-T	1½" diameter	120	6	1.00
21C	21C-T	2" diameter	72	6	1.00

# WORK FLOW AND DATA PROCESSING SYMBOLS

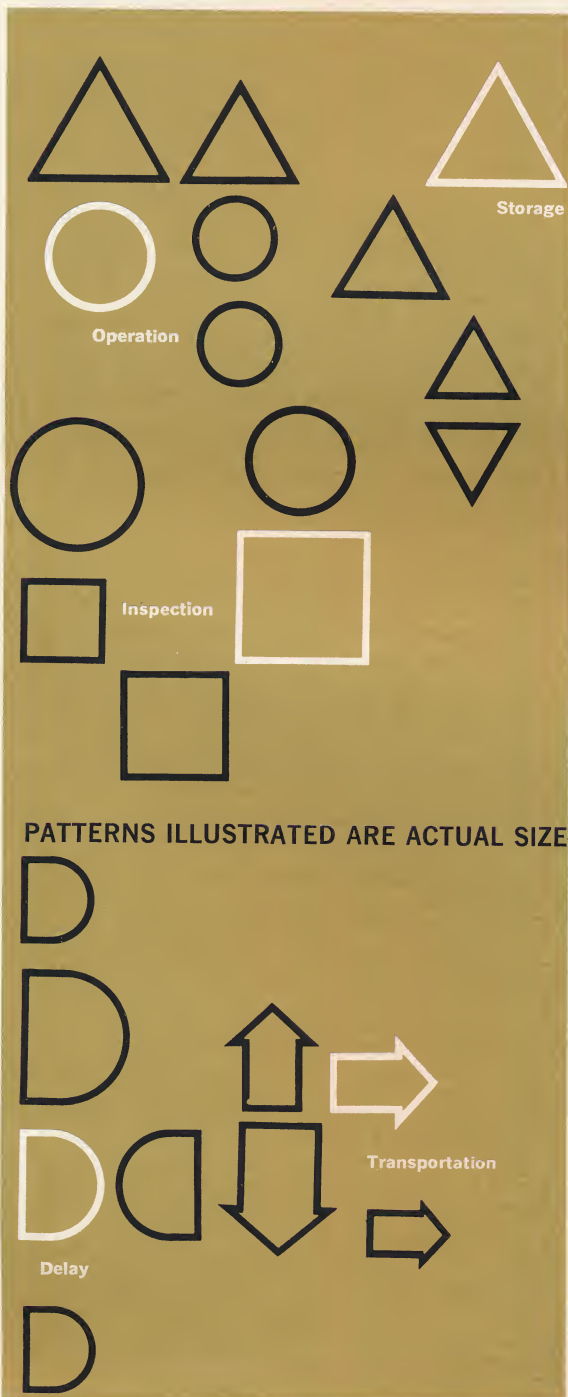
Printed on BOTH opaque and transparent material with pressure sensitive adhesive and protective backing, these standardized symbols make it easy to illustrate flow of work and material, flow and handling of forms and machine accounting data.

Sheet size 6¾" x 9½"; each sheet contains 115 replicas of one symbol: 44 large size; 39 medium size; 32 small size. Each package contains 6 sheets — one for each symbol — plus blank sheet for making your own special symbols, legends, etc.

Cat. No. DP-21-O (opaque) . . . . . \$1.00 pkg.

Cat. No. DP-21-T (transparent) . . . . . 1.00 pkg.

Order by Catalog number.

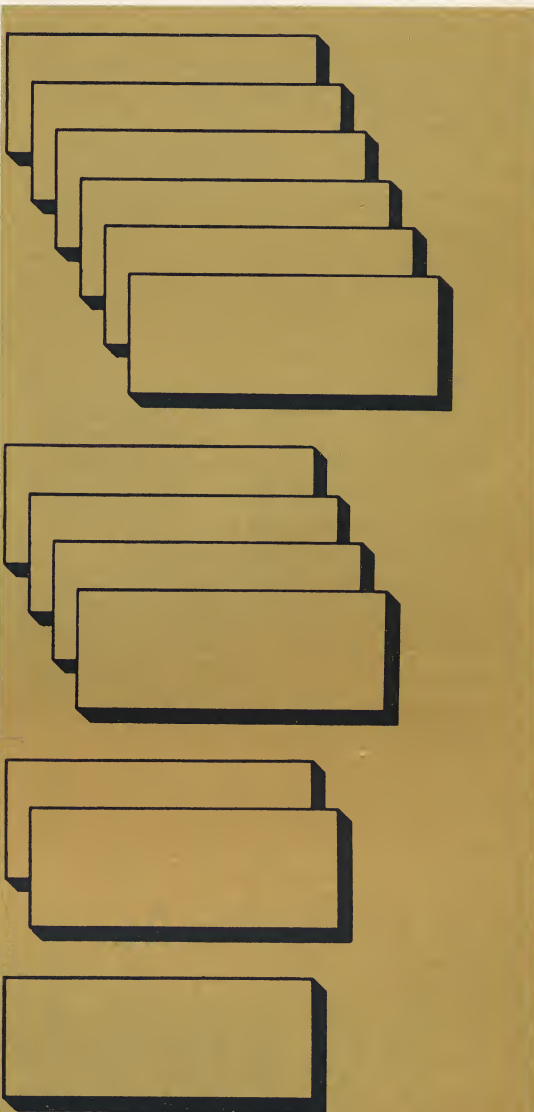


## CHART-PAK FORM SYMBOLS FOR WORK FLOW CHARTS

FS-50 (opaque) . . . . . \$3.50 pkg.

FS-50-T (transparent) . . . . . 3.50 pkg.

Each package contains 10 sheets. Each sheet contains: 13 1-copy, 5 2-copy, 5 3-copy, 2 4-copy, 2 5-copy, 1 6-copy and 1 7-copy forms.



## SUGGESTED STARTER MATERIALS

... for graphic charts	... for office layouts
<b>Tapes</b> 1 Roll of Each #214 #212 #257 #2502 #3101 #3121 #5010M #6201 SL-18 1 Model E-5 Board 1 #317 (Tape Cutter) 1 #327 (Frisket Knife)	<b>Templates</b> 1 pkg. D-2 (desk) 1 pkg. F-1 (file) 1 pkg. C-1 (chair) 1 pkg. T-2 (table)  <b>Tapes</b> 1 roll #2501 1 roll #TL354A  1 Model E Board 1 #317 (Tape Cutter) 1 #319 (Chisel)

Note! Materials suggested are opaque.  
Use transparent material for DIAZO reproduction.

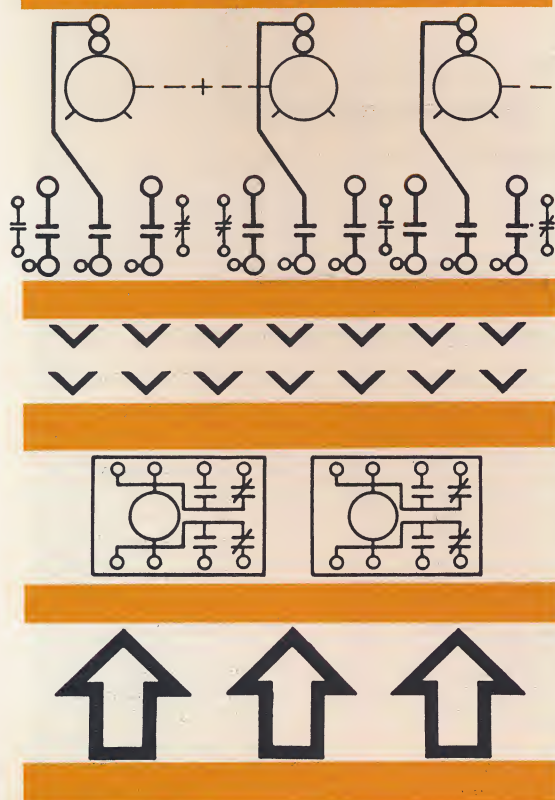
# CUT REPETITIVE DRAWING TIME WITH CHART-PAK SPECIAL TAPES AND TITLE BLOCKS

## HOW TO ORDER TAPES AND TITLE BLOCKS

Chart-Pak will solve your repetitive drawing problems by printing any desired pattern on tape or pressure sensitive film. This process cuts time and effort to a minimum, leaving more time for creative work. Your creative ideas can be put on tape by our artists and tape craftsmen.

1. Customer may furnish art work (preferably twice final size desired) with finished dimensions, quantity and type of material required. Chart-Pak will quote promptly for printing on transparent laminated acetate film, opaque acetate fiber, or matte finish tapes. For templates and title blocks Chart-Pak will quote for printing on heat resistant Transmatte, Clear or Matte Tak Mylar\*, Correction Paper or Opaque Template Sheets. Plate and set-up charges will be quoted with the prices of the complete job. Where acceptable art work is submitted, there will be no art charge.

Examples of Special printed Tapes.



2. Customer may furnish pencil drawings with dimension or sample with specifications. Chart-Pak will prepare art work at a reasonable cost —time estimate will be submitted with quoted price of complete job to your quantity and material requirements.
3. Art work should be double size for all special orders. Specify material desired for tapes and materials for templates and title blocks.
4. Chart-Pak can furnish frequency repeats on tape up to 18". If there is no Chart-Pak dealer in your vicinity, send your order directly to us.

## TITLE BLOCKS — PRINTED TO ORDER

1. Pressure sensitive, heat resistant Patterns, Symbols and Title Blocks are available printed-to-order in your own design.
2. **Right reading** — applied on the face of the tracing. If additional information is to be added you must use matte finish; if only legend, clear finish may be used.
3. **Wrong reading** — applied under the tracing. Information you add is written on the tracing.

Examples of Special printed Title Blocks.

DASH NO.	NEXT ASSY	USED ON	NEXT ASSY	FINAL ASSY
	APPLICATION		QTY REQD	

REVISION NO. 1				
DATE	BY			
REVISION NO. 2				
DATE	BY	SCALE	SIZE	DEPT.
REVISION NO. 3		DATE	DWG. NO.	
		DR. BY		
DATE	BY	CKD. BY		

# CHART-PAK ACCESSORIES

## CORRECTION PAPER

Opaque, pressure sensitive ledger paper, for preparing corrections of copy, title blocks, headings and legends for charts, graphs, etc., for *photographic* reproduction.

No. 20PW 4" x 6" Pack of 20 sheets \$1.00

No. 21PW 9½" x 13½" Pack of 20 sheets \$4.00

## OPAQUE TEMPLATE SHEETS

Opaque, pressure sensitive plasticized sheets. Non-curling. Ruled 12 x 12 lines per inch, ¼" lines accented. For making equipment templates, etc., for *photographic* reproduction.

No. U3-O Sheet size 6½" x 8½" Pack of 12 sheets \$1.75  
Grid area 6" x 8"

Same without printed grid Pack of 12 sheets \$1.75

No. U4-O Sheet size 6¾" x 9½"

## TRANSPARENT TEMPLATE SHEETS

Transparent, pressure sensitive plastic sheets. Non-curling. Ruled 12 x 12 lines per inch, ¼" lines accented. For making equipment templates, etc., for *Diazo* or reproduction.

No. U3-T Sheet size 6¾" x 9½" Pack of 12 sheets \$1.75  
Grid area 6" x 8"

## TRANSMATTE

non-printed

Non-curling, transparent, pressure-sensitive plastic sheets. For making equipment templates, etc., for *Diazo* or reproductions.

No. U4-T Sheet size 6¾" x 9½" Pack of 12 sheets \$1.75

No. U5-T Sheet size 9½" x 13½" Pack of 12 sheets \$4.25

## CLEAR TAK

— clear, polished, pressure sensitive, light-weight "Mylar"\* .001" thick for clear overlays to protect art work, etc. Easily applied — no burnishing required. Adhesive is water-clear, heat-resistant, may be run through *Diazo* machine.

No. CT-12M (Mylar\*) 13" x 21" Package of 12 sheets \$5.90

No. CT-12 (Acetate) 13" x 21" Package of 12 sheets \$4.50

ROLLS:

Cat. No. CT-13R 20 yds. x 13" (width) Mylar\* \$16.75

## MATTE TAK

— a "Mylar"\* film with a matte finish which takes typing or writing (with India ink, pencil or crayon) either before or after applying to art work or layouts. May be run through *Diazo* machine.

No. MT-12M (Mylar\*) 13" x 21" Package of 12 sheets \$6.50

No. MT-12 (Acetate) 12" x 18" Package of 12 sheets \$4.50

ROLL:

Cat. No. MT-13R 20 yds. x 13" (width) Mylar\* \$17.75

\*DuPont trademark for polyester film.

## PLASTIC BOARD CLEANER

For cleaning Planning Boards.

No. 314 4 fl. oz. 75¢



## CHART-PAK SCALPEL

Blade folds into plastic handle.

No. 313 35¢ ea.



## CHART-PAK SAFETY KNIFE

Plastic handle, replaceable and retractable blade.

No. 318 35¢ ea.



## CHART-PAK TAPE CUTTER

Double edge. Plastic. Cuts up to 2" wide tape.

No. 317 25¢ ea.



## CHART-PAK FRISKET KNIFE

Easy to handle, 4½" light-weight aluminum knife for precise and accurate cutting.

No. 327 25¢ ea.

## CHART-PAK "STICK DOT"

Clear cellophane ¾" pressure sensitive "stick-dots" for fastening tracings to drawing board — 250 dots per roll.

No. 329 \$3.95/rl.



## DESK TAPE HOLDER

(Tapes Not Included)

Keep tapes handy and in order.

No. 312 8½" long \$1.00

## CHART-PAK ENVELOPES

Vinyl envelopes, used to store Model A and E planning boards.

No. 315A \$3.00 ea.

No. 315E \$1.00 ea.



## CHART-PAK CHISEL

For easy removal of tape or templates.

No. 319 50¢ per pkg. of 6

# SPACED LETTERING BY CHART-PAK

Provides accurate spacing without guesswork. Surface printed on clear acetate, coated with pressure sensitive heat resistant adhesive. No distortion in reproduction by diazo, or photographic methods.

All characters are die-cut close to left edge for easy positioning. Area to right of each character allows for proper spacing shown on Point Sizes Guide, "FORMULA FOR PROFESSIONAL SPACING."

## INSTRUCTIONS

1. Remove Point Size Lettering Guide and Layout Sheet from envelope.
2. Fold up top and bottom edges of Lettering Guide. The Lettering Guide will then act as tray for Layout Sheet.
3. Place first letter on left side of Layout Sheet with horizontal guide line, (which insures vertical alignment) on a line of the Layout Sheet.
4. Slide the Layout Sheet so that right edge of the letter is to the left of the numbered Point Size Line indicated on the guide for that letter. The left edge of the following letter is then positioned at right edge of that Point Size Line. Continue with other letters until word is completed. *SEE SKETCH A.*
5. Cut off horizontal guide line below completed word. Raise completed word, starting at left edge. *SEE SKETCH B.* Place in position on chart, graph or artwork.

## CHART-PAK SPACED LETTERING

Cat. No.	Description	Price
SL-1A	96 point — 1" 457 characters — 12 sheets per set	\$6.60
SL-12A	48 point — 1/2" 630 characters — 6 sheets per set	3.30
SL-14A	24 point — 1/4" 797 characters — 3 sheets per set	1.65
SL-18A	12 point — 1/8" 1632 characters — 3 sheets per set	1.65
	Single sheet of any set	60¢

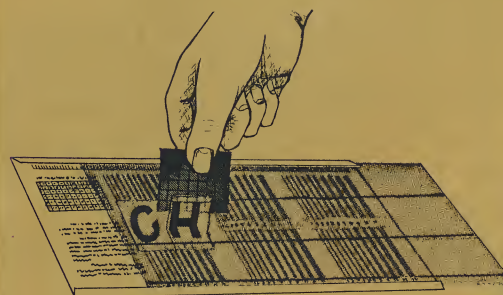


A A

A A B C

A B C D E F G

A B C D E F G H I J K L



SKETCH A



SKETCH B

# ALPHABETICAL-NUMERICAL INDEX

This alphabetical-numerical index may be used as a pricing guide and as a reference for locating Chart-Pak items in this catalog. The index lists the catalog number, page number, and price for each item. The index is arranged in three categories: TAPES, PRINTED TEMPLATES and SYMBOLS, and CHART PLANNING ACCESSORIES.

## TAPES

CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE
1-1	4	\$1.25/rl.	12522	12	\$1.00/rl.	18715M	3	\$1.00/rl.	257AA	6	\$1.00/rl.
1-1M	3	1.35/rl.	12522T	12	1.00/rl.	18716	4	.90/rl.	257B	6	1.35/rl.
1-2	4	1.25/rl.	12523	12	1.00/rl.	18716M	3	1.00/rl.	257C	6	1.45/rl.
1-2M	3	1.35/rl.	12523T	12	1.00/rl.	18717	4	.90/rl.	257T	6	1.35/rl.
1-3	4	1.25/rl.	12524	12	1.00/rl.	18718	4	.90/rl.	257TA	6	1.25/rl.
1-3M	3	1.35/rl.	12524T	12	1.00/rl.	18718M	3	1.00/rl.	257TAA	6	1.00/rl.
1-4	4	1.25/rl.	12525	12	1.00/rl.	2-1	4	2.15/rl.	257TB	6	1.35/rl.
1-4M	3	1.35/rl.	12525T	12	1.00/rl.	2-1M	3	2.25/rl.	257TC	6	1.45/rl.
1-5	4	1.25/rl.	12526	12	1.00/rl.	2-2	4	2.15/rl.	258	6	1.35/rl.
1-6	4	1.25/rl.	12526T	12	1.00/rl.	2-2M	3	2.25/rl.	258A	6 & 11	1.25/rl.
1-7	4	1.25/rl.	12527	12	1.00/rl.	2-3	4	2.15/rl.	258AA	6 & 11	1.00/rl.
1-9	5	2.00/rl.	12527T	12	1.00/rl.	2-3M	3	2.25/rl.	258B	6	1.35/rl.
1-10	4	1.25/rl.	12528	12	1.00/rl.	2-4	4	2.15/rl.	258C	6	1.45/rl.
1-10M	3	1.35/rl.	12528T	12	1.00/rl.	2-4M	3	2.25/rl.	258T	6	1.35/rl.
1-11	4	1.25/rl.	12529	12	1.00/rl.	2-5	4	2.15/rl.	258TA	6 & 11	1.25/rl.
1-11M	3	1.35/rl.	12529T	12	1.00/rl.	2-6	4	2.15/rl.	258TAA	6 & 11	1.00/rl.
1-12	4	1.25/rl.	12530	5	1.00/rl.	2-7	4	2.15/rl.	258TB	6	1.35/rl.
1-13	4	1.25/rl.	12531	8	.80/rl.	2-10	4	2.15/rl.	258TC	6	1.45/rl.
1-14	4	1.25/rl.	1501	4	3.50/pk. 5rls.	2-10M	3	2.25/rl.	259	6	1.35/rl.
1-14M	3	1.35/rl.	1501M	3	4.00/pk. 5rls.	2-11	4	2.15/rl.	259A	6	1.25/rl.
1-15	4	1.25/rl.	1502	4	3.50/pk. 5rls.	2-11M	3	2.25/rl.	259B	6	1.35/rl.
1-15M	3	1.35/rl.	1502M	3	4.00/pk. 5rls.	2-12	4	2.15/rl.	259C	6	1.45/rl.
1-16	4	1.25/rl.	1503	4	3.50/pk. 5rls.	2-13	4	2.15/rl.	259T	6	1.35/rl.
1-16M	3	1.35/rl.	1503M	3	4.00/pk. 5rls.	2-14	4	2.15/rl.	259TA	6 & 11	1.25/rl.
1-17	4	1.25/rl.	1504	4	3.50/pk. 5rls.	2-14M	3	2.25/rl.	259TB	6	1.35/rl.
1-18	4	1.25/rl.	1504M	3	4.00/pk. 5rls.	2-15	4	2.15/rl.	259TC	6 & 11	1.45/rl.
1-18M	3	1.35/rl.	1505	4	3.50/pk. 5rls.	2-15M	3	2.25/rl.	259TG	6 & 11	1.95/rl.
1-19	5	2.00/rl.	1506	4	3.50/pk. 5rls.	2-16	4	2.15/rl.	2501	4	.90/rl.
1-30	5	1.95/rl.	1507	4	3.50/pk. 5rls.	2-16M	3	2.25/rl.	2501M	3	1.00/rl.
1-31	8	1.25/rl.	1509	5	5.00/pk. 5rls.	2-17	4	2.15/rl.	2502	4	.90/rl.
101	6	1.25/rl.	15030	5	1.25/rl.	2-18	4	2.15/rl.	2502M	3	1.00/rl.
102	6	1.25/rl.	1510	4	3.50/pk. 5rls.	2-18M	3	2.25/rl.	2503	4	.90/rl.
103	6	1.25/rl.	1510M	3	4.00/pk. 5rls.	2-30	5	3.50/rl.	2503M	3	1.00/rl.
104	6	1.25/rl.	1511	4	3.50/pk. 5rls.	205	6	1.55/rl.	2504	4	.90/rl.
105	6	1.25/rl.	1511M	3	4.00/pk. 5rls.	205T	6	1.55/rl.	2504M	3	1.00/rl.
1030	5	1.00/rl.	1512	4	3.50/pk. 5rls.	206	6	1.55/rl.	2505	4	.90/rl.
1251	4	.80/rl.	1513	4	3.50/pk. 5rls.	206T	6	1.55/rl.	2506	4	.90/rl.
1251M	3	.90/rl.	1514	4	3.50/pk. 5rls.	207	6	1.55/rl.	2507	4	.90/rl.
1252	4	.80/rl.	1514M	3	4.00/pk. 5rls.	207T	6	1.55/rl.	2509	5	1.25/rl.
1252M	3	.90/rl.	1515	4	3.50/pk. 5rls.	208	6	1.55/rl.	2510	4	.90/rl.
1253	4	.80/rl.	1515M	3	4.00/pk. 5rls.	208T	6	1.55/rl.	2510M	3	1.00/rl.
1253M	3	.90/rl.	1516	4	3.50/pk. 5rls.	209	6	1.55/rl.	2511	4	.90/rl.
1254	4	.80/rl.	1516M	3	4.00/pk. 5rls.	209T	6	1.55/rl.	2511M	3	1.00/rl.
1254M	3	.90/rl.	1517	4	3.50/pk. 5rls.	2030	5	1.25/rl.	2512	4	.90/rl.
1255	4	.80/rl.	1518	4	3.50/pk. 5rls.	212	7	1.35/rl.	2513	4	.90/rl.
1256	4	.80/rl.	1518M	3	4.00/pk. 5rls.	212T	7	1.35/rl.	2514	4	.90/rl.
1257	4	.80/rl.	1519	5	5.00/pk. 5rls.	213	7	1.55/rl.	2514M	3	1.00/rl.
12509	5	1.15/rl.	1530	5	3.50/pk. 5rls.	213T	7	1.55/rl.	2515	4	.90/rl.
12510	4	.80/rl.	1871	4	.90/rl.	214	7	1.25/rl.	2515M	3	1.00/rl.
12510M	3	.90/rl.	1871M	3	1.00/rl.	214T	7	1.25/rl.	2516	4	.90/rl.
12511	4	.80/rl.	1872	4	.90/rl.	215	7	1.35/rl.	2516M	3	1.00/rl.
12511M	3	.90/rl.	1872M	3	1.00/rl.	215T	7	1.35/rl.	2517	4	.90/rl.
12512	4	.80/rl.	1873	4	.90/rl.	216	7	1.25/rl.	2518	4	.90/rl.
12513	4	.80/rl.	1873M	3	1.00/rl.	216T	7	1.25/rl.	2518M	3	1.00/rl.
12514	4	.80/rl.	1874	4	.90/rl.	217	7	1.35/rl.	2519	5	1.25/rl.
12514M	3	.90/rl.	1874M	3	1.00/rl.	217T	7	1.35/rl.	2520	13	1.25/rl.
12515	4	.80/rl.	1875	4	.90/rl.	256	6	1.35/rl.	2520T	13	1.25/rl.
12515M	3	.90/rl.	1876	4	.90/rl.	256A	6	1.25/rl.	2521	13	1.25/rl.
12516	4	.80/rl.	1877	4	.90/rl.	256AA	6	1.00/rl.	2521T	13	1.25/rl.
12516M	3	.90/rl.	18710	4	.90/rl.	256B	6	1.35/rl.	2522	13	1.25/rl.
12517	4	.80/rl.	18710M	3	1.00/rl.	256C	6	1.45/rl.	2522T	13	1.25/rl.
12518	4	.80/rl.	18711	4	.90/rl.	256T	6	1.35/rl.	2523	13	1.25/rl.
12518M	3	.90/rl.	18711M	3	1.00/rl.	256TA	6	1.25/rl.	2523T	13	1.25/rl.
12519	5	1.15/rl.	18712	4	.90/rl.	256TAA	6	1.00/rl.	2524	13	1.25/rl.
12520	12	1.00/rl.	18713	4	.90/rl.	256TB	6	1.35/rl.	2524T	13	1.25/rl.
12520T	12	1.00/rl.	18714	4	.90/rl.	256TC	6	1.45/rl.	2525	13	1.25/rl.
12521	12	1.00/rl.	18714M	3	1.00/rl.	257	6	1.35/rl.	2525T	13	1.25/rl.
12521T	12	1.00/rl.	18715	4	.90/rl.	257A	6	1.25/rl.	2526	13	1.25/rl.

SPECIFY CATALOG NUMBER AND COLOR WHEN ORDERING

# TAPES

CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE
2526T	13	\$1.25/rf.									
2527	13	1.25/rf.									
2527T	13	1.25/rf.									
2528	13	1.25/rf.									
2528T	13	1.25/rf.									
2529	13	1.25/rf.									
2529T	13	1.25/rf.									
2530	5	1.25/rf.									
2531	8	.90/rf.									
3030	5	1.45/rf.									
3101	4	3.50/pk. 5rls.									
3101M	3	4.00/pk. 5rls.									
3102	4	3.50/pk. 5rls.									
3102M	3	4.00/pk. 5rls.									
3103	4	3.50/pk. 5rls.									
3103M	3	4.00/pk. 5rls.									
3104	4	3.50/pk. 5rls.									
3104M	3	4.00/pk. 5rls.									
3105	4	3.50/pk. 5rls.									
3106	4	3.50/pk. 5rls.									
3107	4	3.50/pk. 5rls.									
3109	5	5.00/pk. 5rls.									
3110	4	3.50/pk. 5rls.									
3110M	3	4.00/pk. 5rls.									
3111	4	3.50/pk. 5rls.									
3111M	3	4.00/pk. 5rls.									
3112	4	3.50/pk. 5rls.									
3113	4	3.50/pk. 5rls.									
3114	4	3.50/pk. 5rls.									
3114M	3	4.00/pk. 5rls.									
3115	4	3.50/pk. 5rls.									
3115M	3	4.00/pk. 5rls.									
3116	4	3.50/pk. 5rls.									
3116M	3	4.00/pk. 5rls.									
3117	4	3.50/pk. 5rls.									
3118	4	3.50/pk. 5rls.									
3118M	3	4.00/pk. 5rls.									
3119	5	5.00/pk. 5rls.									
3120	12	3.50/pk. 5rls.									
3120T	12	3.50/pk. 5rls.									
3121	12	3.50/pk. 5rls.									
3121T	12	3.50/pk. 5rls.									
3122	12	3.50/pk. 5rls.									
3122T	12	3.50/pk. 5rls.									
3123	12	3.50/pk. 5rls.									
3123T	12	3.50/pk. 5rls.									
3124	12	3.50/pk. 5rls.									
3124T	12	3.50/pk. 5rls.									
3125	12	3.50/pk. 5rls.									
3125T	12	3.50/pk. 5rls.									
3126	12	3.50/pk. 5rls.									
3126T	12	3.50/pk. 5rls.									
3127	12	3.50/pk. 5rls.									
3127T	12	3.50/pk. 5rls.									
3128	12	3.50/pk. 5rls.									
3128T	12	3.50/pk. 5rls.									
3129	12	3.50/pk. 5rls.									
3129T	12	3.50/pk. 5rls.									
3130	5	3.50/pk. 5rls.									
3131	8	3.50/pk. 5rls.									
5001	4	1.00/rf.									
5001M	3	1.10/rf.									
5002	4	1.00/rf.									
5002M	3	1.10/rf.									
5003	4	1.00/rf.									
5003M	3	1.10/rf.									
5004	4	1.00/rf.									
5004M	3	1.10/rf.									
5005	4	1.00/rf.									
5006	4	1.00/rf.									
5007	4	1.00/rf.									
5009	5	1.50/rf.									
5010	4	1.00/rf.									
5010M	3	1.10/rf.									
5011	4	1.00/rf.									
5011M	3	1.10/rf.									
5012	4	1.00/rf.									
5013	4	1.00/rf.									
5014	4	1.00/rf.									
5014M	3	1.10/rf.									
5015	4	1.00/rf.									
5015M	3	1.10/rf.									
5016	4	1.00/rf.									
5016M	3	1.10/rf.									
5017	4	1.00/rf.									
5018	4	1.00/rf.									
5018M	3	1.10/rf.									
5019	5	1.50/rf.									
5020	13	1.45/rf.									
5020T	13	1.45/rf.									
5021	13	1.45/rf.									
5021T	13	1.45/rf.									
5022	13	1.45/rf.									
5022T	13	1.45/rf.									
5023	13	1.45/rf.									
5023T	13	1.45/rf.									
5024	13	1.45/rf.									
5024T	13	1.45/rf.									
5025	13	1.45/rf.									
5025T	13	1.45/rf.									
5026	13	1.45/rf.									
5026T	13	1.45/rf.									
5027	13	1.45/rf.									
5027T	13	1.45/rf.									
5028	13	1.45/rf.									
5028T	13	1.45/rf.									
5029	13	1.45/rf.									
5029T	13	1.45/rf.									
5030	5	1.45/rf.									
5031	8	1.00/rf.									
6201	4	3.50/pk. 5rls.									
6201M	3	4.00/pk. 5rls.									
6202	4	3.50/pk. 5rls.									
6202M	3	4.00/pk. 5rls.									
6203	4	3.50/pk. 5rls.									
6203M	3	4.00/pk. 5rls.									
6204	4	3.50/pk. 5rls.									
6204M	3	4.00/pk. 5rls.									
6205	4	3.50/pk. 5rls.									
6206	4	3.50/pk. 5rls.									
6207	4	3.50/pk. 5rls.									
6209	5	5.00/pk. 5rls.									
6210	4	3.50/pk. 5rls.									
6210M	3	4.00/pk. 5rls.									
6211	4	3.50/pk. 5rls.									
6211M	3	4.00/pk. 5rls.									
6212	4	3.50/pk. 5rls.									
6213	4	3.50/pk. 5rls.									
6214	4	3.50/pk. 5rls.									
6214M	3	4.00/pk. 5rls.									
6215	4	3.50/pk. 5rls.									
6215M	3	4.00/pk. 5rls.									
6216	4	3.50/pk. 5rls.									
6216M	3	4.00/pk. 5rls.									
6217	4	3.50/pk. 5rls.									
6218	4	3.50/pk. 5rls.									
6218M	3	4.00/pk. 5rls.									
6219	5	5.00/pk. 5rls.									
6220	12	3.50/pk. 5rls.									
6220T	12	3.50/pk. 5rls.									
6221	12	3.50/pk. 5rls.									
6221T	12	3.50/pk. 5rls.									
6222	12	3.50/pk. 5rls.									
6222T	12	3.50/pk. 5rls.									
6223	12	3.50/pk. 5rls.									
6223T	12	3.50/pk. 5rls.									
6224	12	3.50/pk. 5rls.									
6224T	12	3.50/pk. 5rls.									
6225	12	3.50/pk. 5rls.									
6225T	12	3.50/pk. 5rls.									
6226	12	3.50/pk. 5rls.									
6226T	12	3.50/pk. 5rls.									
6227	12	3.50/pk. 5rls.									
6227T	12	3.50/pk. 5rls.									
6228	12	3.50/pk. 5rls.									
6228T	12	3.50/pk. 5rls.									
6229	12	3.50/pk. 5rls.									
6229T	12	3.50/pk. 5rls.									
6230	5	3.50/pk. 5rls.									
6231	8	3.50/pk. 5rls.									
7501	4	1.15/rf.									
7501M	3	1.25/rf.									
7502	4	\$1.15/rf.									
7502M	3	1.25/rf.									
7503	4	1.15/rf.									
7503M	3	1.25/rf.									
7504	4	1.15/rf.									
7504M	3	1.25/rf.									
7505	4	1.15/rf.									
7506	4	1.15/rf.									
7507	4	1.15/rf.									
7510	4	1.15/rf.									
7510M	3	1.25/rf.									

# TAPES

CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE
TL410	7	\$1.55/rl.	TL812A	9	\$1.25/rl.	841A	9	\$1.25/rl.	TL864A	9	\$1.25/rl.
TL411	7	1.55/rl.	813A	9	1.25/rl.	TL841A	9	1.25/rl.	865A	9	1.25/rl.
TL420A	7	1.25/rl.	TL813A	9	1.25/rl.	842A	9	1.25/rl.	TL865A	9	1.25/rl.
TL421A	7	1.25/rl.	814A	9	1.25/rl.	TL842A	9	1.25/rl.	866A	9	1.25/rl.
TL422A	7	1.25/rl.	TL814A	9	1.25/rl.	843A	9	1.25/rl.	TL866A	9	1.25/rl.
TL423A	7	1.25/rl.	TL815A	11	1.25/rl.	TL843A	9	1.25/rl.	867AA	9	1.00/rl.
TL424A	7	1.25/rl.	TL816A	11	1.25/rl.	844A	9	1.25/rl.	TL868AA	8	1.00/rl.
TL425A	7	1.25/rl.	TL817A	10	1.25/rl.	TL844A	9	1.25/rl.	TL868A	8	1.25/rl.
TL426A	7	1.25/rl.	TL818A	10	1.25/rl.	845A	9	1.25/rl.	TL868C	8	1.45/rl.
TL427A	7	1.25/rl.	TL819A	10	1.25/rl.	TL845A	9	1.25/rl.	TC1-2	4	1.40/rl.
TL428A	7	1.25/rl.	TL820A	10	1.25/rl.	846A	9	1.25/rl.	TC1-3	4	1.40/rl.
TL429A	7	1.25/rl.	TL821A	10	1.25/rl.	TL846A	9	1.25/rl.	TC1-4	4	1.40/rl.
TL430A	7	1.25/rl.	TL822B	10	1.35/rl.	848A	9	1.25/rl.	TC1-5	4	1.40/rl.
TL431A	7	1.25/rl.	TL823A	10	1.25/rl.	TL848A	9	1.25/rl.	TC1-6	4	1.40/rl.
TL432A	7	1.25/rl.	TL824A	10	1.25/rl.	849A	9	1.25/rl.	TC1-11	4	1.40/rl.
TL433A	7	1.25/rl.	825A	9	1.25/rl.	TL849A	9	1.25/rl.	TC1252	4	.90/rl.
TL434A	7	1.25/rl.	TL825A	9	1.25/rl.	850A	9	1.25/rl.	TC1253	4	.90/rl.
TL435A	7	1.25/rl.	826A	9	1.25/rl.	TL850A	9	1.25/rl.	TC1254	4	.90/rl.
TL436A	7	1.25/rl.	TL826A	9	1.25/rl.	851A	9	1.25/rl.	TC1255	4	.90/rl.
TL437A	7	1.25/rl.	827A	9	1.25/rl.	TL851A	9	1.25/rl.	TC1256	4	.90/rl.
TL438A	7	1.25/rl.	TL827A	9	1.25/rl.	852A	9	1.25/rl.	TC12511	4	.90/rl.
TL439A	7	1.25/rl.	828A	9	1.25/rl.	TL852A	9	1.25/rl.	TC2502	4	1.00/rl.
TL440A	7	1.25/rl.	TL828A	9	1.25/rl.	853A	9	1.25/rl.	TC2503	4	1.00/rl.
TL441A	7	1.70/rl.	829B	9	1.35/rl.	TL853A	9	1.25/rl.	TC2504	4	1.00/rl.
TL442A	7	1.70/rl.	TL829B	9	1.35/rl.	854A	9	1.25/rl.	TC2505	4	1.00/rl.
801A	9	1.25/rl.	830A	9	1.25/rl.	TL854A	9	1.25/rl.	TC2506	4	1.00/rl.
TL801A	9	1.25/rl.	TL830A	9	1.25/rl.	855A	9	1.25/rl.	TC2511	4	1.00/rl.
802A	9	1.25/rl.	831A	9	1.25/rl.	TL855A	9	1.25/rl.	TC3102	4	4.00/pk. 5rls.
TL802A	9	1.25/rl.	TL831A	9	1.25/rl.	856A	9	1.25/rl.	TC3103	4	4.00/pk. 5rls.
803A	9	1.25/rl.	833A	9	1.25/rl.	TL856A	9	1.25/rl.	TC3104	4	4.00/pk. 5rls.
TL803A	9	1.25/rl.	TL833A	9	1.25/rl.	857A	9	1.25/rl.	TC3105	4	4.00/pk. 5rls.
804A	9	1.25/rl.	834A	9	1.25/rl.	TL857A	9	1.25/rl.	TC3106	4	4.00/pk. 5rls.
TL804A	9	1.25/rl.	TL834A	9	1.25/rl.	858A	9	1.25/rl.	TC3111	4	4.00/pk. 5rls.
805A	9	1.25/rl.	835A	9	1.25/rl.	TL858A	9	1.25/rl.	TC5002	4	1.15/rl.
TL805A	9	1.25/rl.	TL835A	9	1.25/rl.	859A	9	1.25/rl.	TC5003	4	1.15/rl.
806A	9	1.25/rl.	836A	9	1.25/rl.	TL859A	9	1.25/rl.	TC5004	4	1.15/rl.
TL806A	9	1.25/rl.	TL836A	9	1.25/rl.	860A	9	1.25/rl.	TC5005	4	1.15/rl.
808A	9	1.25/rl.	837A	9	1.25/rl.	TL860A	9	1.25/rl.	TC5006	4	1.15/rl.
TL808A	9	1.25/rl.	TL837A	9	1.25/rl.	861A	9	1.25/rl.	TC5011	4	1.15/rl.
809A	9	1.25/rl.	838A	9	1.25/rl.	TL861A	9	1.25/rl.	TC6202	4	4.00/pk. 5rls.
TL809A	9	1.25/rl.	TL838A	9	1.25/rl.	862A	9	1.25/rl.	TC6203	4	4.00/pk. 5rls.
810A	9	1.25/rl.	839A	9	1.25/rl.	TL862A	9	1.25/rl.	TC6204	4	4.00/pk. 5rls.
TL810A	9	1.25/rl.	TL839A	9	1.25/rl.	863A	9	1.25/rl.	TC6205	4	4.00/pk. 5rls.
811A	9	1.25/rl.	840A	9	1.25/rl.	TL863A	9	1.25/rl.	TC6206	4	4.00/pk. 5rls.
TL811A	9	1.25/rl.	TL840A	9	1.25/rl.	864A	9	1.25/rl.	TC6211	4	4.00/pk. 5rls.
812A	9	1.25/rl.									

SPECIFY CATALOG NUMBER AND COLOR WHEN ORDERING

## PRINTED TEMPLATES AND SYMBOLS

CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE
1A	20	\$1.00 pkg.	10	20	\$1.00 pkg.	CR2-O	18	\$1.25 bx.	EB1-T	18	\$1.25 bx.
1A-T	20	1.00 pkg.	10-T	20	1.00 pkg.	CR2-T	18	1.25 bx.	F1-O	17	1.25 bx.
1B	20	1.00 pkg.	11	20	1.00 pkg.				F1-T	17	1.25 bx.
1B-T	20	1.00 pkg.	11-T	20	1.00 pkg.	CLEAR TAK					
1C	20	1.00 pkg.	12	20	1.00 pkg.	CT-12	23	4.50 pkg.	F2-O	17	1.25 bx.
1C-T	20	1.00 pkg.	12-T	20	1.00 pkg.	CT-12M	23	5.90 pkg.	F2-T	17	1.25 bx.
1D	20	1.00 pkg.	13	20	1.00 pkg.	CT-13R	23	16.75/rl.	FF1-O	18	1.25 bx.
1D-T	20	1.00 pkg.	13-T	20	1.00 pkg.				FF1-T	18	1.25 bx.
2	20	1.00 pkg.	14	20	1.00 pkg.	D1-O	17	1.25 bx.	FF2-O	18	1.25 bx.
2-T	20	1.00 pkg.	14-T	20	1.00 pkg.	D1-T	17	1.25 bx.	FF2-T	18	1.25 bx.
3	20	1.00 pkg.	20C	20	1.00 pkg.	D2-O	17	1.25 bx.	FS-50	21	3.50 pkg.
3-T	20	1.00 pkg.	20C-T	20	1.00 pkg.	D2-T	17	1.25 bx.	FS-50-T	21	3.50 pkg.
4	20	1.00 pkg.	20PW	23	1.00 pkg.	D3-O	17	1.25 bx.	MATTE TAK		
4-T	20	1.00 pkg.	21C	20	1.00 pkg.	D3-T	17	1.25 bx.	MT-12	23	4.50 pkg.
5	20	1.00 pkg.	21C-T	20	1.00 pkg.	D4-O	17	1.25 bx.	MT-12M	23	6.50 pkg.
5-T	20	1.00 pkg.	21PW	23	4.00 pkg.	D4-T	17	1.25 bx.	MT-13R	23	17.75/rl.
6	20	1.00 pkg.	BC1-O	18	1.25 bx.	DP21-O	21	1.00 pkg.	PDL2-O	18	1.25 bx.
6-T	20	1.00 pkg.	BC1-T	18	1.25 bx.	DP21-T	21	1.00 pkg.	PDL2-T	18	1.25 bx.
7	20	1.00 pkg.	C1-O	17	1.25 bx.	DT1-O	18	1.25 bx.	PDR2-O	18	1.25 bx.
7-T	20	1.00 pkg.	C1-T	17	1.25 bx.	DT1-T	18	1.25 bx.	PDR2-T	18	1.25 bx.
8	20	1.00 pkg.	CB1-O	18	1.25 bx.	DT2-O	18	1.25 bx.	O — OPAQUE		
8-T	20	1.00 pkg.	CB1-T	18	1.25 bx.	DT2-T	18	1.25 bx.	T — TRANSPARENT		
9	20	1.00 pkg.	CR1-O	18	1.25 bx.	EB1-O	18	1.25 bx.			
9-T	20	1.00 pkg.	CR1-T	18	1.25 bx.						

# PRINTED TEMPLATES AND SYMBOLS

CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE
S12 — O or T	19	\$1.00 sht.*	S46 — O or T	19	\$1.00 sht.*	S67 — O or T	19	\$1.00 sht.*	U3-T	23	\$1.75 pkg.
S13 — O or T	19	1.00 sht.*	S47 — O or T	19	1.00 sht.*	S69 — O or T	19	1.00 sht.*	U4-O	23	1.75 pkg.
S16 — O or T	19	1.00 sht.*	S48 — O or T	19	1.00 sht.*	S70 — O or T	19	1.00 sht.*	U4-T	23	1.75 pkg.
S18 — O or T	19	1.00 sht.*	S49 — O or T	19	1.00 sht.*	S71 — O or T	19	1.00 sht.*	U5-T	23	4.25 pkg.
S25 — O or T	19	1.00 sht.*	S50 — O or T	19	1.00 sht.*	S72 — O or T	19	1.00 sht.*	WB1-O	18	1.25 bx.
S26 — O or T	19	1.00 sht.*	S51 — O or T	19	1.00 sht.*	SU1-O	18	1.25 bx.	WB1-T	18	1.25 bx.
S27 — O or T	19	1.00 sht.*	S52 — O or T	19	1.00 sht.*	SU1-T	18	1.25 bx.	*\$8.40 doz. assorted sheets		
S28 — O or T	19	1.00 sht.*	S53 — O or T	19	1.00 sht.*	T1-O	17	1.25 bx.			
S29 — O or T	19	1.00 sht.*	S54 — O or T	19	1.00 sht.*	T1-T	17	1.25 bx.			
S31 — O or T	19	1.00 sht.*	S55 — O or T	19	1.00 sht.*	T2-O	17	1.25 bx.	SPACED LETTERING		
S34 — O or T	19	1.00 sht.*	S56 — O or T	19	1.00 sht.*	T2-T	17	1.25 bx.			
S35 — O or T	19	1.00 sht.*	S57 — O or T	19	1.00 sht.*	T3-O	17	1.25 bx.			
S37 — O or T	19	1.00 sht.*	S58 — O or T	19	1.00 sht.*	T3-T	17	1.25 bx.			
S38 — O or T	19	1.00 sht.*	S59 — O or T	19	1.00 sht.*	T9-O	18	1.25 bx.			
S39 — O or T	19	1.00 sht.*	S60 — O or T	19	1.00 sht.*	T9-T	18	1.25 bx.	SL-1A	24	6.60 set
S40 — O or T	19	1.00 sht.*	S61 — O or T	19	1.00 sht.*	U1-O	17	1.25 bx.	SL-12A	24	3.30 set
S41 — O or T	19	1.00 sht.*	S62 — O or T	19	1.00 sht.*	U1-T	17	1.25 bx.	SL-14A	24	1.65 set
S42 — O or T	19	1.00 sht.*	S63 — O or T	19	1.00 sht.*	U2-O	17	1.25 bx.	SL-18A	24	1.65 set
S43 — O or T	19	1.00 sht.*	S64 — O or T	19	1.00 sht.*	U2-T	17	1.25 bx.	TERMINAL STRIPS		
S44 — O or T	19	1.00 sht.*	S65 — O or T	19	1.00 sht.*	U3-O	23	1.75 pkg.			
S45 — O or T	19	1.00 sht.*	S66 — O or T	19	1.00 sht.*						
									TS-1	15	1.00 pkg.
									TS-2	15	1.00 pkg.

# CHART PLANNING ACCESSORIES

CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE	CATALOG NUMBER	PAGE	PRICE
312	23	\$ 1.00 ea.	328E	15	\$2.00 ea.	PG-8	14	\$12.50 ea.
313	23	.35 ea.	329	23	3.95/rl.	(50 sheets	14	10.00 ea.
314	23	.75 ea.	330	15	6.95* ea.	or more)		
315A	23	3.00 ea.	331	15	6.95* ea.	PG-10	14	12.50 ea.
315E	23	1.00 ea.	*set of any two in these sizes \$13.00			(50 sheets	14	10.00 ea.
317	23	.25 ea.				or more)		
318	23	.35 ea.						
319	23	.50 pkg.	PLANNING BOARDS			PG-10L	14	20.00 ea.
320	15	6.95* ea.				TBK-1	14	6.50 ea.
321	15	6.95* ea.				TBK-5	14	28.00 ea.
322	15	6.95* ea.				TBK-10	14	54.00 ea.
323	15	8.50 ea.				TBL-1	14	6.50 ea.
325	15	4.50 ea.				TBL-5	14	28.00 ea.
326	15	6.95* ea.				TBL-10	14	54.00 ea.
327	15	.25 ea.				TBO-1	14	6.50 ea.
328	15	9.50 ea.				TBO-5	14	28.00 ea.
								TBO-10

We invite you to make use of Chart-Pak's Consultation Service. If you have a problem which cannot be answered by your local Chart-Pak dealer feel free to call on Chart-Pak for assistance.

If you are not familiar with your nearest Chart-Pak dealer, write directly to Chart-Pak for full information.

ASK YOUR CHART-PAK DEALER OR WRITE  
CHART-PAK, INC. FOR THESE ADDITIONAL  
FREE CATALOGS



"SYMBLTAK"



CHART-PAK  
SPACED  
LETTERING



"SPACED LETTERING"



"CONTAK"



**T** SQUARE MIAMI BLUEPRINT CO., INC.  
635 S.W. 1ST AVENUE, MIAMI  
FR 9-4501



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DRAFTSMEN

CHARTISTS

CARTOGRAPHERS

PERTERS

LITHOGRAPHERS

ARTISTS

ILLUSTRATORS

**A NEW METHOD**

# **TRANS-PAK**

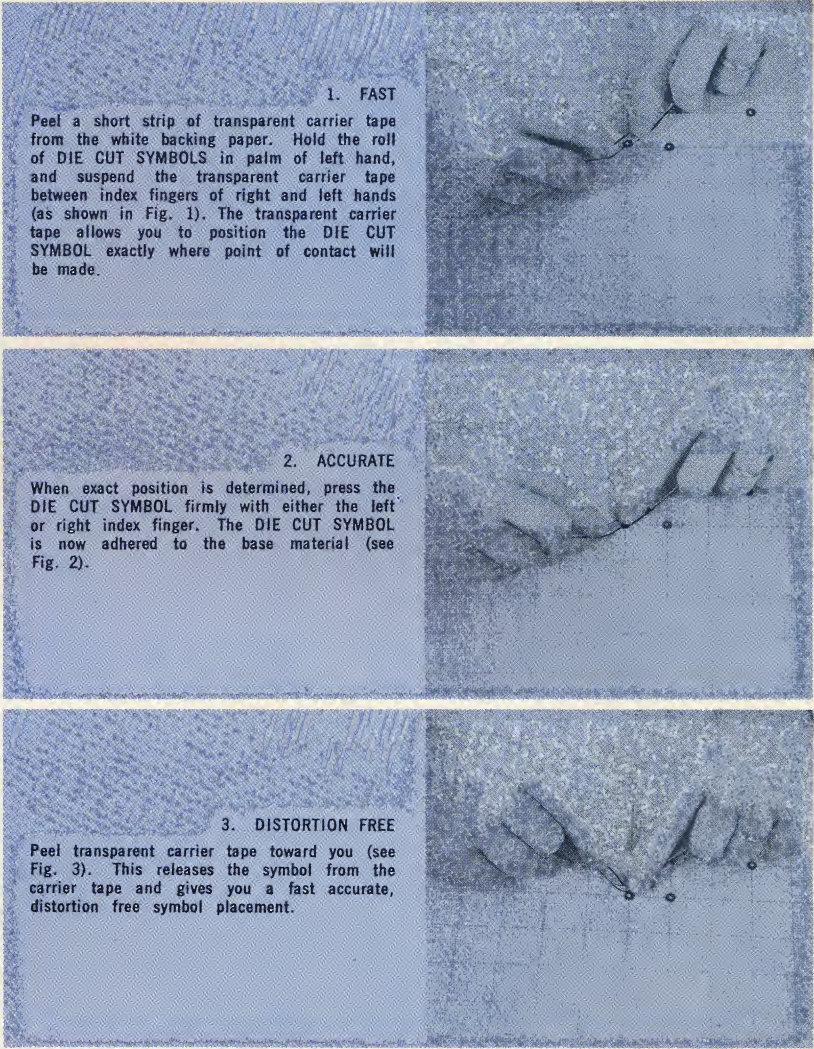
**CHART-PAK, INC.**

ORIGINATOR OF THE TAPE METHOD OF DRAFTING

ONE RIVER ROAD • LEEDS, MASSACHUSETTS



# HOW TO APPLY TRANS-PAK



PAT. NO. 3,035,690

## HOW TO ORDER TRANS-PAK SELECT CODE FOR COLOR AND MATERIAL

BLACK CREPE PAPER SYMBOLS WILL BE SHIPPED IF COLOR AND MATERIAL ARE NOT SPECIFIED.

COLOR	MATERIAL			
	MATTE ACETATE FIBER	ACETATE FIBER	TRANS-PARENT COLOR	CREPE PAPER
	M	A	TC	CP
BLACK	1M	1A		1CP
RED	2M	2A	2TC	2CP
BLUE	3M	3A	3TC	3CP
GREEN	4M	4A	4TC	4CP
ORANGE		5A	5TC	
PURPLE		6A	6TC	
GREY		7A		
WHITE	10M	10A		10CP
YELLOW	11M	11A	11TC	11CP
SILVER		12A		
GOLD		13A		
BROWN	14M	14A		
LIGHT BLUE	15M	15A		
LIGHT GREEN	16M	16A		
DARK GREEN		17A		
DARK ORANGE	18M	18A		

RUBY RED TRANSLUCENT PAKLON®(P) IS ALSO AVAILABLE IN TRANS-PAK  
\*3M REGISTERED TRADE-MARK

## SPECIAL ORDER PRICE LIST (250 SYMBOLS PER ROLL)

NO ADDED DIE CHARGE FOR SPECIAL CONFIGURATIONS WITH A 10 ROLL MINIMUM ORDER. A 10 ROLL MINIMUM IS NOT REQUIRED FOR REORDERS OF SPECIAL CONFIGURATIONS.

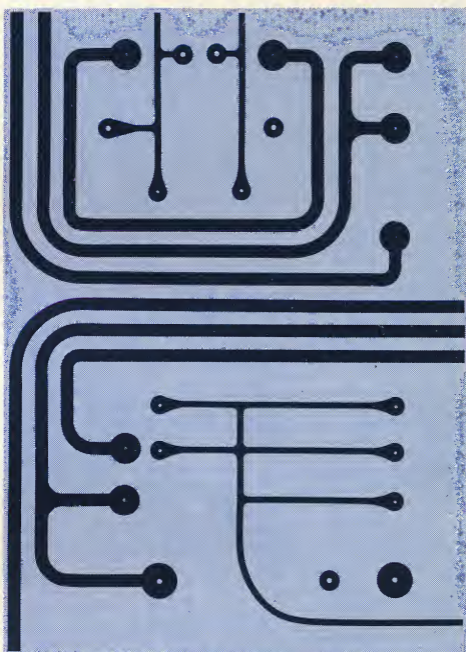
MATERIAL GROUPING	
GROUP 1	
BLACK CREPE PAPER	
PAKLON*	
GROUP 2	
MATTE ACETATE FIBER	
ACETATE FIBER	
TRANSPARENT COLOR	
COLORED CREPE PAPER	

		DIMENSIONS OF CONFIGURATIONS		PRICE	
				GROUP 1	GROUP 2
CIRCLES		.250" AND UNDER		\$1.00	\$1.25
		OVER .250" TO .375"		1.45	1.80
		OVER .375" TO .500"		1.95	2.50
		OVER .500" TO .625"		2.75	3.50
		OVER .625" TO .750"		3.50	4.50
OTHER CONFIGURATIONS		OVER .750" TO 1.000"		5.00	6.25
		.250" x .250"		\$1.00	\$1.25
		.250" x .500"		1.45	1.80
		.500" x .500"		1.95	2.50
		.500" x .750"		2.50	3.00
		.500" x 1.000"		3.00	3.75
		.500" x 1.250"		3.50	4.50
		.500" x 1.500"		4.00	5.00
		.750" x .750"		3.50	4.50
		.750" x 1.000"		4.00	5.00
		.750" x 1.250"		4.50	5.50
		.750" x 1.500"		5.00	6.25
		1.000" x 1.000"		5.00	6.25
		1.000" x 1.250"		6.25	8.00
		1.000" x 1.500"		7.50	9.50

Example special die cut order: You may order 10 rolls of a 1/4" special die cut configuration in quantities of 3 rolls red matte (2M), 2 rolls black acetate fiber (1A), 1 roll of T.C. yellow, and 4 rolls of black crepe paper (1CP).

3 rolls 2M	.250 diamond	\$ 3.75
2 rolls 1A	.250 diamond	2.50
1 roll 11TC	.250 diamond	1.25
4 rolls 1CP	.250 diamond	4.00

\$11.50



#### PRINTED CIRCUITRY

Printed circuit symbols are die cut to an accuracy of  $\pm .005"$ . Completely opaque with a non-reflective surface, CHART-PAK crepe paper tape is ideal for master drawings in printed circuitry. May be used directly on the plate as a resist or on any base material. Special printed circuit symbols, will be die cut to your specifications with a 10 roll minimum. NO ADDED DIE CHARGE.

ALSO AVAILABLE IN TRANS-PAK ARE VISUAL COMMUNICATION SYMBOLS FOR OVERHEAD PROJECTUALS, WORK FLOW CHARTS, PIE CHARTS, PICTOGRAPHS, COLUMN CHARTS, PERT NETWORKS, BAR CHARTS AND MAPS.

Example special die cut order: You may order 10 rolls of a  $\frac{1}{4}"$  special die cut configuration in quantities of 3 rolls red matte (2M), 2 rolls black acetate fiber (1A), 1 roll of T.C. yellow, and 4 rolls of black crepe paper (1CP).

3 rolls 2M	.250 diamond	\$ 3.75
2 rolls 1A	.250 diamond	2.50
1 roll 11TC	.250 diamond	1.25
4 rolls 1CP	.250 diamond	4.00
		<hr/>
		\$11.50

# TRANS-PAK ORDER FORM

**ASK YOUR DEALER FOR THE CHART-PAK GENERAL CATALOG**

[illegible]

**NOTE — BLACK CREPE PAPER WILL BE SHIPPED IF COLOR AND MATERIAL ARE NOT SPECIFIED.**

[illegible]

# TRANS-PAK PRINTED CIRCUIT SYMBOLS

SEE SPECIAL ORDER INFORMATION ON SYMBOLS NOT LISTED

250 SYMBOLS PER ROLL

CIRCLES WITH CENTER HOLES

CAT. NO.	OUTSIDE DIAMETER	INSIDE DIAMETER	PRICE*	
			Group 1	GROUP 2
TP1050	.100"	.050"	\$1.00	\$1.25
TP1231	.125"	.031"	1.00	1.25
TP1250	.125"	.050"	1.00	1.25
TP1840	.187"	.040"	1.00	1.25
TP1862	.187"	.062"	1.00	1.25
TP2040	.200"	.040"	1.00	1.25
TP2050	.200"	.050"	1.00	1.25
TP2080	.200"	.080"	1.00	1.25
TP2540	.250"	.040"	1.00	1.25
TP2550	.250"	.050"	1.00	1.25
TP2562	.250"	.062"	1.00	1.25
TP2862	.281"	.062"	1.45	1.80
TP3012	.300"	.125"	1.45	1.80
TP3050	.300"	.050"	1.45	1.80
TP3080	.300"	.080"	1.45	1.80
TP3162	.312"	.062"	1.45	1.80
TP3712	.375"	.125"	1.45	1.80
TP3762	.375"	.062"	1.45	1.80
TP4010	.400"	.100"	1.95	2.50
TP4050	.400"	.050"	1.95	2.50
TP4060	.400"	.060"	1.95	2.50
TP4080	.400"	.080"	1.95	2.50
TP4510	.450"	.100"	1.95	2.50
TP4710	.475"	.100"	1.95	2.50
TP5012	.500"	.125"	1.95	2.50
TP5080	.500"	.080"	1.95	2.50
TP5093	.500"	.093"	1.95	2.50
TP5710	.575"	.100"	2.75	3.50
TP6010	.600"	.100"	2.75	3.50
TP6012	.600"	.125"	2.75	3.50
TP6510	.650"	.100"	3.50	4.50
TP7010	.700"	.100"	3.50	4.50

\*GROUP 1 — BLACK CREPE PAPER, RUBY RED TRANSLUCENT PAKLON†  
GROUP 2 — MATTE ACETATE FIBER, ACETATE FIBER, TRANSPARENT  
COLOR, COLORED CREPE PAPER.

† 3M Registered Trademark

TEARDROPS WITH VANISHING POINT

CAT. NO.	OUTSIDE DIAMETER	INSIDE DIAMETER	PRICE	
			GROUP 1	GROUP 2
TPS34	.400"	.100"	\$2.50	\$3.00
TPS35	.450"	.100"	2.50	3.00
TPS36	.475"	.100"	2.50	3.00
TPS37	.500"	.100"	2.50	3.00
TPS38	.575"	.100"	4.00	5.00
TPS39	.600"	.100"	4.00	5.00
TPS40	.650"	.100"	4.00	5.00
TPS41	.700"	.100"	4.00	5.00

TEARDROPS

CAT. NO.	OUTSIDE DIAMETER	INSIDE DIAMETER	TAIL WIDTH	PRICE*	
				GROUP 1	GROUP 2
TPS60	.500"	.062"	.125"	\$3.00	\$3.75
TPS61	.375"	.062"	.125"	2.50	3.00

OVAL

CAT. NO.	LENGTH	WIDTH	INSIDE DIAMETER	PRICE*	
				GROUP 1	GROUP 2
TPS42	.242"	.144"	.062"	\$1.00	\$1.25

FILLETS

CAT. NO.	RADIUS	TAIL WIDTH	PRICE*	
			GROUP 1	GROUP 2
TPS43	.250"	.094"	\$1.00	\$1.25
TPS53	.250"	.078"	1.00	1.25
TPS54	.219"	.078"	1.00	1.25
TPS56	.400"	.187"	1.45	1.80
TPS57	.400"	.125"	1.45	1.80

T-CONNECTORS

CAT. NO.	TAIL WIDTH	PRICE*	
		GROUP 1	GROUP 2
TPS58	.125"	\$1.95	\$2.50
TPS59	.187"	1.95	2.50
TPS105	.100"	1.95	2.50

ELBOWS

CAT. NO.	LEG WIDTH	TAIL WIDTH	PRICE*	
			GROUP 1	GROUP 2
TS562	.500"	.200"	\$3.00	\$3.75
TPS106	.275"	.100"	1.95	2.50

## CHART-PAK TAPES AND PRECISION GRIDS

### 1. BLACK CREPE PAPER TAPE

Completely opaque with a non-reflective surface, Chart-Pak black crepe paper tape is ideal for master drawings in printed circuitry. May be used directly on the plate as a resist or on any base material. Excellent for photographic reproductions, as the flat crepe paper surface is non-reflective.

### 2. WHITE BACK CIRCUIT TAPE

Non-reflective, dull finish black on surface, reverse side with opaque white adhesive backing. Especially useful in making printed circuit layouts back-to-back in register on translucent precision grids.

### PRECISION GRIDS

Precision Grids are especially designed for master drawings in printed circuitry where accuracy and dimensional stability are of critical importance. These translucent grids are printed in non-reproducible blue on matte finish "Mylar\*", .0075" thick. CHART-PAK guarantees accuracy of grid lines to  $\pm .005"$ .

### PRECISION GRIDS

CAT. NO.	SIZE	PRINT AREA	PRICE	
			1-49	50 or More
PG-10L	31" x 41"	30" x 40"	\$20.00	\$20.00
PG-10M	21" x 31"	20" x 30"	12.50	10.00
PG-8M	21" x 31"	20" x 30"	12.50	10.00

Note — PG-10L has 10 lines per inch. Each 10th line is accented.  
PG-10M has 10 lines per inch. Each 10th line is accented.  
PG-8M has 8 lines per inch. Each 8th line is accented.

\*Dupont's trademark for their polyester film.

### 1. BLACK CREPE PAPER TAPE 2. WHITE BACK CIRCUIT TAPE

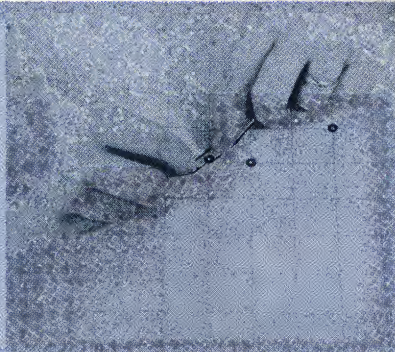
ROLL SIZE	CAT. NO.	PRICE	CAT. NO.	PRICE
2" x 324"	CP2-1	\$2.15/RL.	2-30	\$3.50/RL.
1" x 324"	CP1-1	1.25/RL.	1-30	1.95/RL.
500" x 324"	CP5001	1.00/RL.	5030	1.45/RL.
375" x 324"	CP3751	1.00/RL.		
250" x 324"	CP2501	.90/RL.	2530	1.25/RL.
125" x 324"	CP1251	.80/RL.	12530	1.00/RL.
.062" x 648"	CP6201	.80/RL. 3.50/pkg. 5 rls.	6230	.80/RL. 3.50/pkg. 5 rls.
.187" x 324"	CP1871	.90/RL.		
.031" x 648"	CP3101	.80/RL. 3.50/pkg. 5 rls.	3130	.80/RL. 3.50/pkg. 5 rls.
.015" x 648"	CP1501	.80/RL. 3.50/pkg. 5 rls.	1530	.80/RL. 3.50/pkg. 5 rls.
100" x 324"	CP1001	.80/RL.	1030	1.00/RL.
150" x 324"	CP15001	.90/RL.	15030	1.25/RL.
200" x 324"	CP2001	.90/RL.	2030	1.25/RL.
300" x 324"	CP3001	1.00/RL.	3030	1.45/RL.

INFORMATION ON SPECIAL ORDERS AVAILABLE FROM YOUR LOCAL CHART-PAK DEALER. WE WILL MAKE ANY SPECIAL CONFIGURATION TO MEET YOUR SPECIFIC NEED IN EITHER THE DRAFTING OR VISUAL COMMUNICATION FIELD.

# HOW TO APPLY TRANS-PAK

## 1. FAST

Peel a short strip of transparent carrier tape from the white backing paper. Hold the roll of DIE CUT SYMBOLS in palm of left hand, and suspend the transparent carrier tape between index fingers of right and left hands (as shown in Fig. 1). The transparent carrier tape allows you to position the DIE CUT SYMBOL exactly where point of contact will be made.



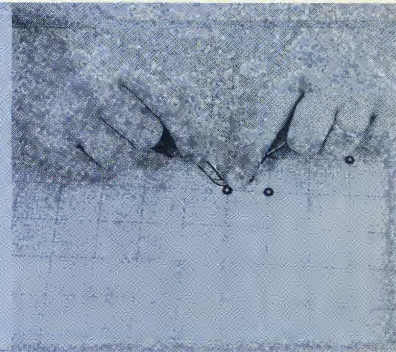
## 2. ACCURATE

When exact position is determined, press the DIE CUT SYMBOL firmly with either the left or right index finger. The DIE CUT SYMBOL is now adhered to the base material (see Fig. 2).



## 3. DISTORTION FREE

Peel transparent carrier tape toward you (see Fig. 3). This releases the symbol from the carrier tape and gives you a fast accurate, distortion free symbol placement.



ATTENTION: PRINTED CIRCUIT DRAFTSMEN,  
STATISTICAL DRAFTSMEN, CARTOGRAPHERS,  
CHARTISTS, TECHNICAL ILLUSTRATORS AND  
THOSE IN THE GENERAL FIELD OF VISUAL  
COMMUNICATION

# A NEW METHOD

FOR FAST, ACCURATE, DISTORTION FREE PLACEMENT  
OF PRESSURE SENSITIVE DIE CUT SYMBOLS AND  
CONFIGURATIONS

# TRANS-PAK<sup>T.M.</sup>

ORIGINATED BY CHART-PAK, INCORPORATED  
ONE RIVER ROAD, LEEDS, MASSACHUSETTS

HOW TO ORDER TRANS-PAK  
SELECT CODE FOR COLOR AND MATERIAL

BLACK CREPE PAPER SYM-  
BOLS WILL BE SHIPPED  
IF COLOR AND MATERIAL  
ARE NOT SPECIFIED.

COLOR	MATERIAL			
	MATTE ACETATE FIBER	ACETATE FIBER	TRANS- PARENT COLOR	CREPE PAPER
BLACK	1M	1A		1CP
RED	2M	2A	2TC	2CP
BLUE	3M	3A	3TC	3CP
GREEN	4M	4A	4TC	4CP
ORANGE		5A	5TC	
PURPLE		6A	6TC	
GREY		7A		
WHITE	10M	10A		10CP
YELLOW	11M	11A	11TC	11CP
SILVER		12A		
GOLD		13A		
BROWN	14M	14A		
LIGHT BLUE	15M	15A		
LIGHT GREEN	16M	16A		
DARK GREEN		17A		
DARK ORANGE	18M	18A		

RUBY RED TRANSLUCENT PAKLON\*(P) IS ALSO AVAILABLE IN TRANS-PAK  
\*3M REGISTERED TRADE-MARK

## SPECIAL ORDER PRICE LIST (250 SYMBOLS PER ROLL)

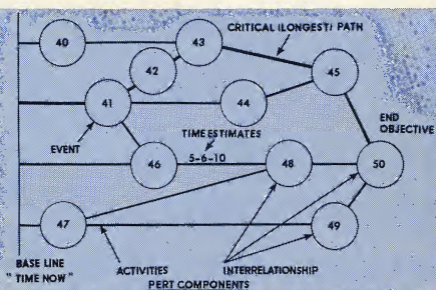
NO ADDED DIE CHARGE FOR  
SPECIAL CONFIGURATIONS  
WITH A 10 ROLL MINIMUM  
ORDER. A 10 ROLL MINI-  
MUM IS NOT REQUIRED  
FOR REORDERS OF SPECIAL  
CONFIGURATIONS.

MATERIAL GROUPING	
GROUP 1	
BLACK CREPE PAPER	
PAKLON*	
GROUP 2	
MATTE ACETATE FIBER	
ACETATE FIBER	
TRANSPARENT COLOR	
COLOR CREPE PAPER	

	DIMENSIONS OF CONFIGURATIONS	PRICE	
		GROUP 1	GROUP 2
CIRCLES	.250" AND UNDER	\$1.00	\$1.25
	OVER .250" TO .375"	1.45	1.80
	OVER .375" TO .500"	1.95	2.50
	OVER .500" TO .625"	2.75	3.50
	OVER .625" TO .750"	3.50	4.50
	OVER .750" TO 1.000"	5.00	6.25
OTHER CONFIGURATIONS	.250" x .250"	\$1.00	\$1.25
	.250" x .500"	1.45	1.80
	.500" x .500"	1.95	2.50
	.500" x .750"	2.50	3.00
	.500" x 1.000"	3.00	3.75
	.500" x 1.250"	3.50	4.50
	.500" x 1.500"	4.00	5.00
	.750" x .750"	3.50	4.50
	.750" x 1.000"	4.00	5.00
	.750" x 1.250"	4.50	5.50
	.750" x 1.500"	5.00	6.25
	1.000" x 1.000"	5.00	6.25
	1.000" x 1.250"	6.25	8.00
	1.000" x 1.500"	7.50	9.50

Example special die cut order: You may order 10 rolls of a 1/4" special die cut configuration in quantities of 3 rolls red matte (2M), 2 rolls black acetate fiber (1A), 1 roll of T.C. yellow, and 4 rolls of black crepe paper (1CP).

3 rolls 2M	.250 diamond	\$ 3.75
2 rolls 1A	.250 diamond	2.50
1 roll 11TC	.250 diamond	1.25
4 rolls 1CP	.250 diamond	4.00
		<hr/>
		\$11.50



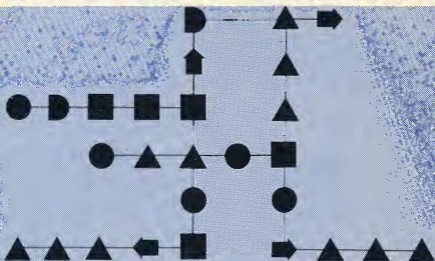
#### PERT

Pressure sensitive die cut PERT symbols (circles, rectangles, ellipses, arrows, arrowheads, etc.) are available for fast, accurate construction of PERT networks. CHART-PAK tape is excellent for connecting the PERT events.



#### VISUAL COMMUNICATION

Transparent color and opaque symbols, letters, numbers, etc., can be applied directly to projectual or can be utilized in artwork to create projectuals. TRANS-PAK symbols and CHART-PAK tape can be used for organization, flow, pie, column, and bar charts.



#### WORK FLOW CHARTS

Pressure sensitive die cut work flow and data processing symbols facilitate the construction of the work flow and systems charts. CHART-PAK tape is excellent for connecting the work flow symbols.



#### CARTOGRAPHY

Accurately die cut pressure sensitive data points save time and maintain uniformity in mapmaking. Other mapmaking symbols available to your specifications with a 10 roll minimum order. NO ADDED DIE CHARGE.

ALSO AVAILABLE IN TRANS-PAK ARE SYMBOLS FOR PRINTED CIRCUITRY.

# TRANS-PAK ORDER FORM

ASK YOUR DEALER FOR THE CHART-PAK GENERAL CATALOG

[illegible]

**NOTE — BLACK CREPE PAPER WILL BE SHIPPED IF COLOR AND MATERIAL ARE NOT SPECIFIED.**

[illegible]

# TRANS-PAK VISUAL COMMUNICATION SYMBOLS

250 SYMBOLS PER ROLL

## LETTERS AND NUMBERS

PRICE PER ROLL\*

SIZE	GROUP 1	GROUP 2
24 POINT	\$1.00	\$1.25
48 POINT	1.95	2.50
24 POINT CAT. NO.	48 POINT CAT. NO.	SYMBOL
TP24-A	TP48-A	A
TP24-B	TP48-B	B
TP24-C	TP48-C	C
TP24-D	TP48-D	D
TP24-E	TP48-E	E
TP24-F	TP48-F	F
TP24-G	TP48-G	G
TP24-H	TP48-H	H
TP24-I	TP48-I	I
TP24-J	TP48-J	J
TP24-K	TP48-K	K
TP24-L	TP48-L	L
TP24-M	TP48-M	M
TP24-N	TP48-N	N
TP24-O	TP48-O	O
TP24-P	TP48-P	P
TP24-Q	TP48-Q	Q
TP24-R	TP48-R	R
TP24-S	TP48-S	S
TP24-T	TP48-T	T
TP24-U	TP48-U	U
TP24-V	TP48-V	V
TP24-W	TP48-W	W
TP24-X	TP48-X	X
TP24-Y	TP48-Y	Y
TP24-Z	TP48-Z	Z
TP24-1	TP48-1	1
TP24-2	TP48-2	2
TP24-3	TP48-3	3
TP24-4	TP48-4	4
TP24-5	TP48-5	5
TP24-6	TP48-6	6
TP24-7	TP48-7	7
TP24-8	TP48-8	8
TP24-9	TP48-9	9
TP24-0	TP48-0	0

## WORK FLOW AND DATA PROCESSING SYMBOLS

### EQUILATERAL TRIANGLES

CAT. NO.	SIDE LENGTH	PRICE*	
		GROUP 1	GROUP 2
TPS 93	.375"	\$1.45	\$1.80
TPS112	.500"	1.95	2.50
TPS115	.625"	2.75	3.50
TPS116	.750"	3.50	4.50

### CIRCLES

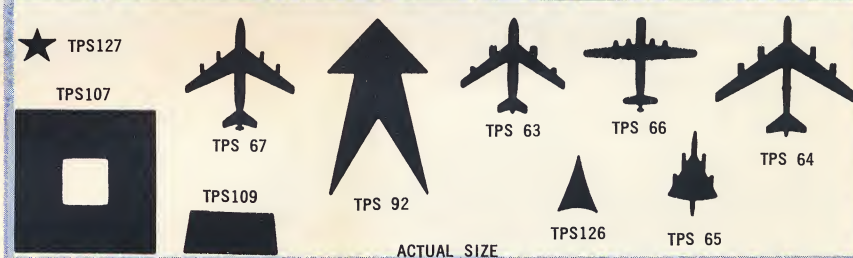
CAT. NO.	DIAMETER	PRICE*	
		GROUP 1	GROUP 2
TP1200	.125"	\$1.00	\$1.25
TP1800	.187"	1.00	1.25
TP2500	.250"	1.00	1.00
TP3700	.375"	1.45	1.80
TP5000	.500"	1.95	2.50
TP6200	.625"	2.75	3.50
TP7500	.750"	3.50	4.50
TP10000	1.000"	5.00	6.25

24 POINT ACTUAL SIZE

A B C D E F G H I J K L M  
N O P Q R S T U V W X Y Z  
1 2 3 4 5 6 7 8 9 0

## SPECIAL CONFIGURATIONS

CAT. NO.	SIZE	SYMBOL	PRICE*		NOMENCLATURE
			GROUP 1	GROUP 2	
TPS63	.625"	See Box	\$2.75	\$3.50	B-47 Aircraft
TPS64	.750"	See Box	3.50	4.50	B-52 Aircraft
TPS65	.500"	See Box	1.95	2.50	B-58 Aircraft
TPS66	.625"	See Box	2.75	3.50	KC-97 Aircraft
TPS67	.625"	See Box	2.75	3.00	KC-135 Aircraft
TPS92	1" x .500"	See Box	3.00	3.75	Arrow
TPS126	.250"	See Box	1.00	1.25	Arrowhead
TPS107	.750"	See Box	3.50	4.50	Square with .250" Center Square
TPS109	.250" x .500"	See Box	1.45	1.80	Trapezoid
TPS127	.187"	See Box	1.00	1.25	Star



## SQUARES

CAT. NO.	SIDE LENGTH	PRICE	
		GROUP 1	GROUP 2
TPS113	.250"	\$1.00	\$1.25
TPS 94	.375"	1.95	2.50
TPS117	.500"	1.95	2.50
TPS118	.625"	3.50	4.50
TPS119	.750"	3.50	4.50

## ARROWS

CAT. NO.	DIMENSIONS	PRICE	
		GROUP 1	GROUP 2
TPS120	.375" x .500"	\$1.95	\$2.50
TPS121	.500" x .625"	2.50	3.00
TPS122	.625" x .750"	3.50	4.50

## DELAY SYMBOLS

CAT. NO.	DIMENSIONS	PRICE	
		GROUP 1	GROUP 2
TPS123	.375" x .500"	\$1.95	\$2.50
TPS124	.500" x .625"	2.50	3.00
TPS125	.625" x .750"	3.50	4.50

## USE TRANS-PAK SYMBOLS FOR:

- OVERHEAD PROJECTUALS
- WORK FLOW CHARTS
- PICTOGRAPHS
- PIE CHARTS
- PERT NETWORKS
- COLUMN CHARTS
- BAR CHARTS
- MAPS

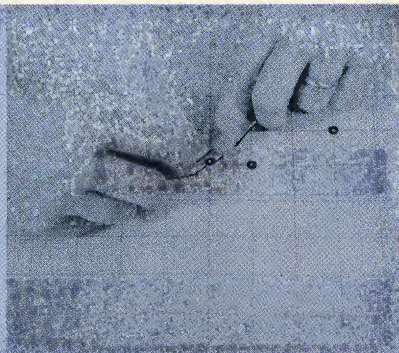
\*GROUP 1 — Black Crepe Paper, Ruby Red Translucent Paklon (3M Registered Trademark).  
GROUP 2 — Matte Acetate Fiber, Acetate Fiber, Transparent Color, Colored Crepe Paper.

INFORMATION ON SPECIAL ORDERS AVAILABLE FROM YOUR LOCAL CHART-PAK DEALER. WE WILL MAKE ANY SPECIAL CONFIGURATION TO MEET YOUR SPECIFIC NEED IN EITHER THE DRAFTING OR VISUAL COMMUNICATION FIELD.

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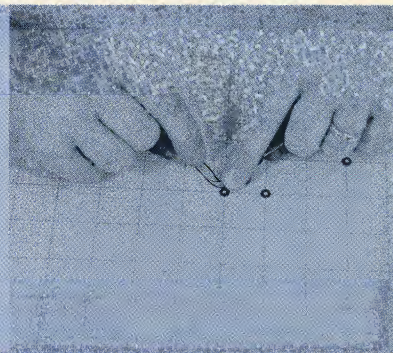
## 2. ACCURATE

When exact position is determined, press the DIE CUT SYMBOL firmly with either the left or right index finger. The DIE CUT SYMBOL is now adhered to the base material (see Fig. 2).



## 3. DISTORTION FREE

Peel transparent carrier tape toward you (see Fig. 3). This releases the symbol from the carrier tape and gives you a fast accurate, distortion free symbol placement.



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STATISTICAL DRAFTSMEN, CARTOGRAPHERS,  
CHARTISTS, TECHNICAL ILLUSTRATORS AND  
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ORIGINATED BY CHART-PAK, INCORPORATED  
ONE RIVER ROAD, LEEDS, MASSACHUSETTS

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BLACK CREPE PAPER SYM-  
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ARE NOT SPECIFIED.

COLOR	MATERIAL			
	MATTE ACETATE FIBER	ACETATE FIBER	TRANS- PARENT COLOR	CREPE PAPER
	M	A	TC	CP
BLACK	1M	1A		1CP
RED	2M	2A	2TC	2CP
BLUE	3M	3A	3TC	3CP
GREEN	4M	4A	4TC	4CP
ORANGE		5A	5TC	
PURPLE		6A	6TC	
GREY		7A		
WHITE	10M	10A		10CP
YELLOW	11M	11A	11TC	11CP
SILVER		12A		
GOLD		13A		
BROWN	14M	14A		
LIGHT BLUE	15M	15A		
LIGHT GREEN	16M	16A		
DARK GREEN		17A		
DARK ORANGE	18M	18A		

RUBY RED TRANSLUCENT PAKLON\*(P) IS ALSO AVAILABLE IN TRANS-PAK  
\*3M REGISTERED TRADE-MARK

## SPECIAL ORDER PRICE LIST (250 SYMBOLS PER ROLL)

NO ADDED DIE CHARGE FOR  
SPECIAL CONFIGURATIONS  
WITH A 10 ROLL MINIMUM  
ORDER. A 10 ROLL MINI-  
MUM IS NOT REQUIRED  
FOR REORDERS OF SPECIAL  
CONFIGURATIONS.

MATERIAL GROUPING	
GROUP 1	
BLACK CREPE PAPER	
PAKLON*	
GROUP 2	
MATTE ACETATE FIBER	
ACETATE FIBER	
TRANSPARENT COLOR	
COLORED CREPE PAPER	

	DIMENSIONS OF CONFIGURATIONS	PRICE	
		GROUP 1	GROUP 2
CIRCLES	.250" AND UNDER	\$1.00	\$1.25
	OVER .250" TO .375"	1.45	1.80
	OVER .375" TO .500"	1.95	2.50
	OVER .500" TO .625"	2.75	3.50
	OVER .625" TO .750"	3.50	4.50
	OVER .750" TO 1.000"	5.00	6.25
OTHER CONFIGURATIONS	.250" x .250"	\$1.00	\$1.25
	.250" x .500"	1.45	1.80
	.500" x .500"	1.95	2.50
	.500" x .750"	2.50	3.00
	.500" x 1.000"	3.00	3.75
	.500" x 1.250"	3.50	4.50
	.500" x 1.500"	4.00	5.00
	.750" x .750"	3.50	4.50
	.750" x 1.000"	4.00	5.00
	.750" x 1.250"	4.50	5.50
	.750" x 1.500"	5.00	6.25
	1.000" x 1.000"	5.00	6.25
	1.000" x 1.250"	6.25	8.00
	1.000" x 1.500"	7.50	9.50



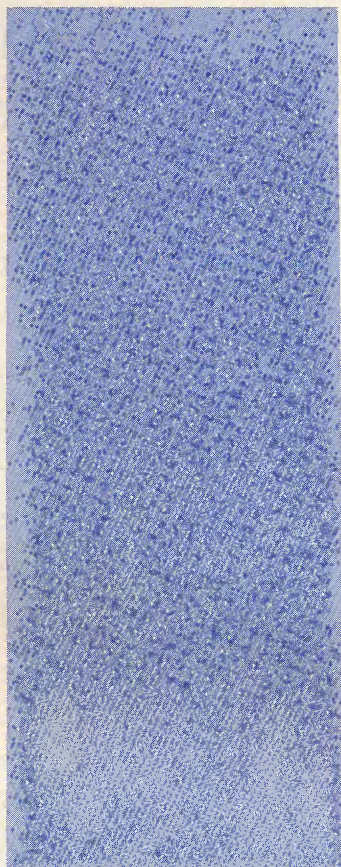
Chart-Pak manufactures a complete line of pressure sensitive tapes, die cut symbols, shading films, color tints, precision grids, easels, and pressure sensitive components for:

- DRAFTSMEN
- CHARTISTS
- CARTOGRAPHERS
- PERTERS
- ARTISTS
- ILLUSTRATORS
- LITHOGRAPHERS

# ASK YOUR CHART-PAK DEALER OR WRITE CHART-PAK, INC. FOR THESE ADDITIONAL FREE CATALOGS



"CHART-PAK"



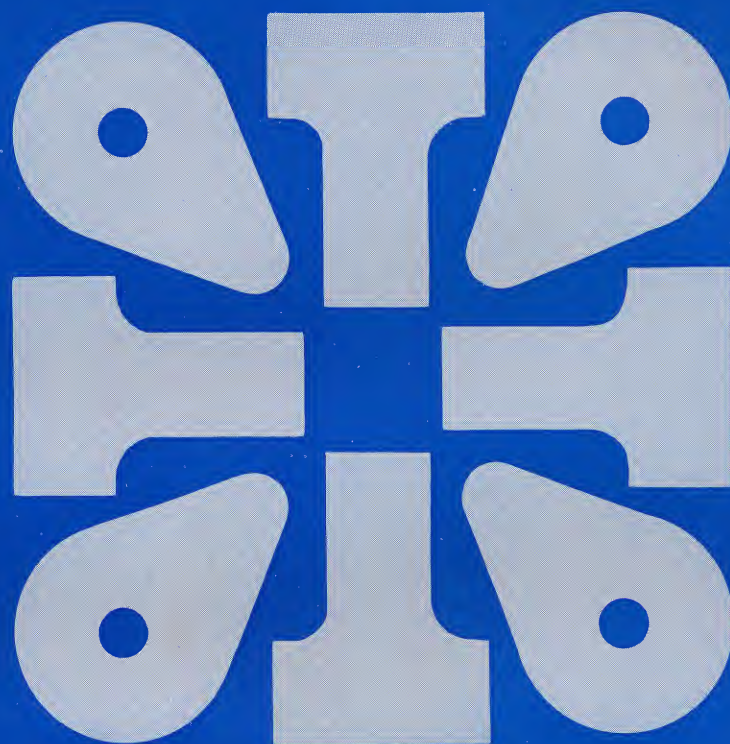
**CHART-PAK  
SPACED  
LETTERING**



"SPACED LETTERING"



"CONTAK"



**T** SQUARE MIAMI BLUEPRINT CO., INC.  
635 S.W. 1ST AVENUE, MIAMI  
FR 9-4501